Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.73 1918

LIBRARY

Beckert's Seed Store

101 & 103 Federal St.

NORTH SIDE
PITTSBURGH, PENNA.

Remarks to Purchasers

READ CAREFULLY BEFORE ORDERING

Name and Address. Write your **Name, Post Office, County,** and **State** as distinctly as possible. Some orders reach us which give neither name nor location. In such cases it is impossible for us to fill such orders until we again hear from the senders.

Send Us Your Order as Early as Possible. It will facilitate its prompt execution, and you will have your seed when you are ready to plant.

Use the Order Sheet. Make out your list of requirements consecutively in the order as given in the Catalogue, placing the quantity wanted before the article, and the price of the same in the column to the right; and always keep a copy of your orders.

Correspondence should not be intermingled with the body of the order, but written either at the bottom of the Order Sheet or on a separate sheet of paper.

Remittances. Send your remittance by Express or Post-Office Money Order, Registered Letter, or Draft on New York. For small amounts, postage stamps will be acceptable.

When the Remittance is not sufficient to pay for the quantity of seeds ordered, we will reduce the quantity to correspond with the remittance.

Errors. All possible precautions are taken to avoid their occurrence. Notify us at once if your order is not properly filled, and we will promptly make the necessary corrections.

Substitutions. As the season advances, some stocks of seeds are exhausted, so it is advisable, when late orders are sent, to name a few substitutes. We make substitutions only when requested to do so, sending varieties that will as fully cover the indicated wants as our stock will permit. If not so instructed, the remittance will be refunded.

Express Rates. Seeds, bulbs, and plants are now entitled to special rates, which are considerably lower than rates on general merchandise. Where quick delivery is desired, we advise, unless goods are too bulky, to have shipments go forward by express.

Shipments by Freight. Seeds in bulk, implements, and other heavy goods are shipped by freight, and unless there is a freight agent at point of destination, the freight must be prepaid, the purchaser advancing the same, unless otherwise arranged. Our facilities for shipping to points south of Pittsburgh on the Ohio River and connecting streams are excellent, steamers plying daily between this and southern points.

Catalogues are sent free to all our customers of the **past year.** Should any change their place of residence, we desire to be informed, that we may correct the address in our Catalogue list. Our local customers, who purchase over our counters, will please give their correct address when making their first annual purchase; this will insure their receiving Catalogues the following year by mail. Many of our patrons who desire our Catalogues fail to receive them because their post-office address is unknown to us.

Non-Warranty. We do not warrant in any way, expressed or implied, the contents or description, quality, productiveness, or any other matter of any seeds, bulbs, or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. We make all sales subject to the above conditions.

BECKERT'S SEED STORE
101 and 103 Federal St., North Side, PITTSBURGH, PA.

BELL PHONES
9 and 236 Cedar

Beckert's Superior Vegetable Seeds for Home and Market-Gardens

SEEDS OF SUPERIOR QUALITY AND STRONG VITALITY

Our Vegetable Seed Department embraces nearly all varieties that are desirable or of known value, together with the more important of recent introductions. The list has been carefully selected, and the descriptions given are chiefly derived from our own experience and observation. We have endeavored to make them as accurate and helpful as possible, to aid the purchaser in making selections.

SEEDS BY MAIL. **We pay postage on seeds in packets, ounces and quarter-pounds. For larger quantities, add to your remittance postage according to your zone rate.**

PARCEL-POST RATES

Parcels of seeds and bulbs weighing 8 ounces or less must pay postage to all zones at the rate of 1 cent for each 2 ounces. In excess of 8 ounces at pound rates.

Parcels of general merchandise weighing 4 ounces or less must pay postage to all zones at the rate of 1 cent per ounce. In excess of 4 ounces at pound rates.

We deliver postpaid, at catalogue prices, all seeds in packets, ounces, and quarter-pounds.

		First pound or fraction	Each additional pound or fraction	Limit of weight
Local rate.	Pittsburgh and R.F.D. Routes Nos. 1, 2, 3, 4, 5	$0 05	$0 00½	50 lbs.
1st zone.	Within 50 miles of Pittsburgh	05	01	50 lbs.
2d zone.	Over 50 and under 150 miles from Pittsburgh	05	01	50 lbs.
3d zone.	Over 150 " " 300 " " "	06	02	20 lbs.
4th zone.	Over 300 " " 600 " " "	07	04	20 lbs.
5th zone.	Over 600 " " 1000 " " "	08	06	20 lbs.
6th zone.	Over 1000 " " 1400 " " "	09	08	20 lbs.
7th zone.	Over 1400 " " 1800 " " "	11	10	20 lbs.
8th zone.	Over 1800 " " "	12	12	20 lbs.

All goods by parcel post are sent at purchaser's risk, unless insured. Insurance is 5 cts. for $25 or less; 10 cts. for $25 to $50. This insures delivery only, but not damage to package.

SEED CROPS, 1917

The season just past has been the most disastrous ever known for the production of vegetable seeds, both at home and abroad. Crops of many leading varieties have been largely a failure, in consequence of which there will be a shortage of choice seed of many sorts, and of necessity prices will rule much higher than under normal conditions.

ARTICHOKE (Artischocke)

Sow early in spring and transplant the following spring to permanent beds in rows or hills 3 feet apart.

LARGE GREEN GLOBE. The best for general use. Flower-heads should be gathered as fast as formed, when they are tender and of fine flavor. Pkt. 25 cts., oz. $1.50.

Plants, in April, $1.75 per doz.

JERUSALEM. Distinct from the above. Propagated from its tubers. Useful for the table and for stock. Qt. 25 cts., pk. $1.25, bus. $4.

ASPARAGUS (Spargel)

A bed once properly made and planted will last for years. Plenty of fertilizer should be well trenched in to a depth of 2 feet or more. The roots should be planted as early in the spring as the ground can be prepared, setting them a foot apart in rows 2, 2½, or 3 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed, and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill and produce about 300 plants. Fair crops may be expected the third year from seed.

GIANT ARGENTEUIL. A French variety of mammoth size. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. $1.

PALMETTO. Early; stalks fine in size and quality; regular in growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

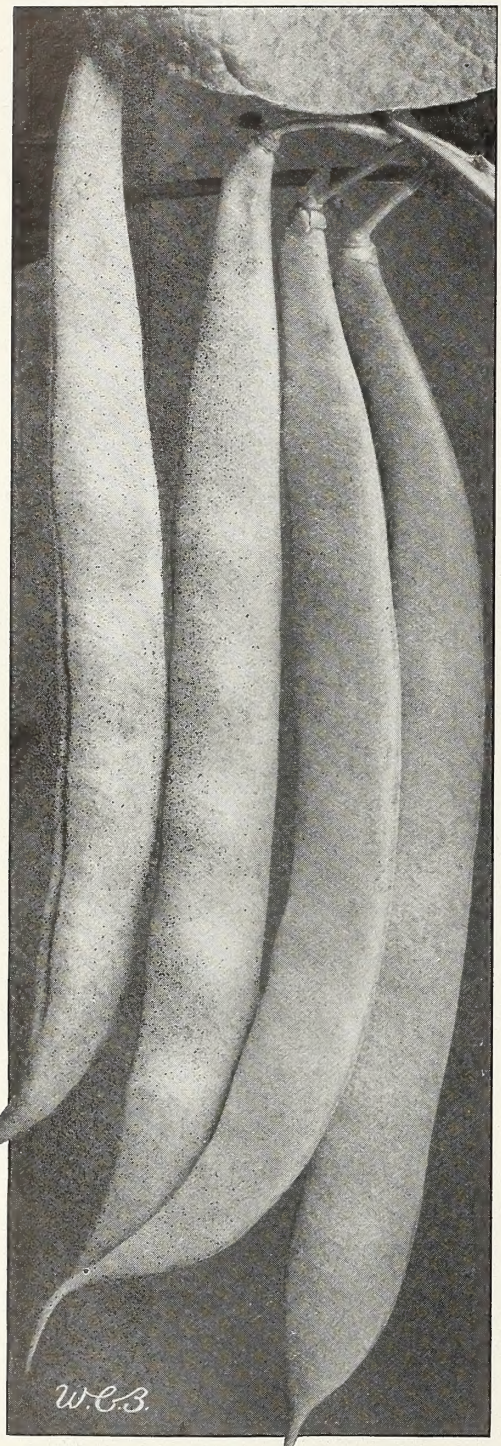
COLOSSAL. A desirable variety and one much grown. Very large; deep green; stalks tender and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

COLUMBIAN MAMMOTH WHITE. Stalks pure white. Of extra-fine quality and very tender, without a trace of stringiness; flavor is of the best. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

ASPARAGUS ROOTS. By planting Asparagus Roots instead of the seeds, much time can be saved in getting the shoots ready for table or market. Plant in spring, as early as possible. See Vegetable Plants, page 21.

Giant Argenteuil Asparagus

ASPARAGUS CULTURE, by F. M. Hexamer. 60 cts., postpaid



Parcel-post weight of Beans: Pint, 1 lb.; quart, 2 lbs.

Bountiful Beans

BEANS (Bohnen)

Beans should not be planted before the ground becomes light and warm, in favorable seasons usually about the first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills 2 to 2½ feet apart and covered about 2 inches deep. Successive sowings, made at intervals of about two weeks until the middle of July, will give a plentiful supply of Beans throughout the season. One quart of seed will sow 100 feet of drill.

GREEN-PODDED BUSH BEANS

GREEN-POD STRINGLESS. Pods entirely stringless; very full and fleshy; remain crisp and tender until Beans are fully developed in the pod. Extra early and of finest quality. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

GIANT GREEN-POD STRINGLESS VALENTINE. Medium early and as productive as the Valentine, with pods a third larger, round, full, stringless, and fleshy. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

BOUNTIFUL. Pods grow to a large size, broad and fleshy; quality very good when young; very productive. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

BLACK VALENTINE. Pods long, straight, round, and early; of good quality and a heavy yielder; rust-proof. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

FORDHOOK FAVORITE. Pods light green, ½ inch in diameter, 5½ to 6½ inches long; full, fleshy, and nearly round; absolutely stringless; seed white. A few days later than the earlier varieties; very productive. Pkt. 10 cts., pt. 45 cts., qt. 90c., 2 qts. $1.75.

FULL MEASURE. Early. Stringless; pods round, tender, of excellent quality and borne very profusely. Pkt. 10 cts., pt. 38c., qt. 75c., 2 qts. $1.45.

IMPROVED RED VALENTINE. Pods round, thick, and solid; early, tender, and of fine flavor. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

LONGFELLOW. Pods straight, round, pale green, and long. When cooked they retain their light green color and good flavor. Productive and medium early. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.38.

EXTRA - EARLY REFUGEE. Earlier than the Refugee. Pods round, solid, tender; good quality. Pkt. 10c., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

KEENEY'S STRINGLESS REFUGEE. Pods round, brittle, fleshy, and tender; perfectly stringless; very prolific; medium late. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

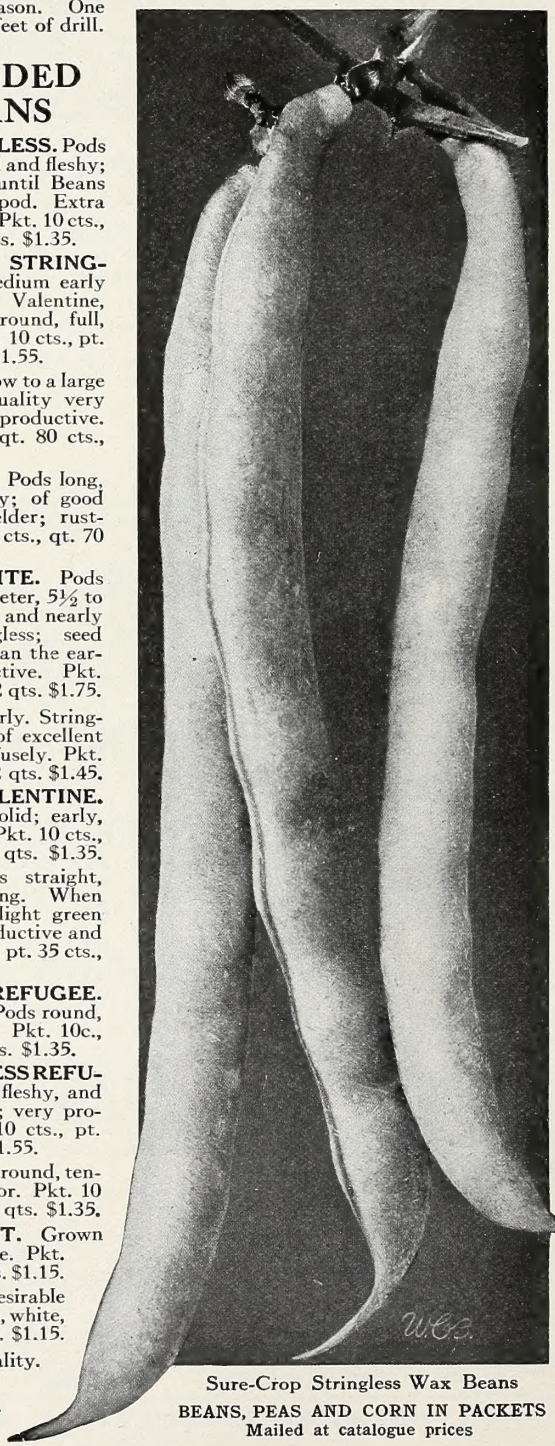
REFUGEE. Late. Pods round, tender, fleshy, and of fine flavor. Pkt. 10 cts., pt. 35 cts., qt. 70c., 2 qts. $1.35.

WHITE MARROWFAT. Grown for a dry Bean for winter use. Pkt. 10c., pt. 30c., qt. 60c., 2 qts. $1.15.

WHITE KIDNEY. Desirable for a shell Bean. Seeds large, white, kidney-shaped, and of excellent quality. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

DWARF HORTICULTURAL. Furnishes green-shelled Beans of fine quality. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

SNOWFLAKE, NAVY. An improvement on the common Navy Bean; earlier and more productive. Pkt. 10 cts., pt. 36 cts., qt. 60 cts., 2 qts. $1.15.



Sure-Crop Stringless Wax Beans

BEANS, PEAS AND CORN IN PACKETS
Mailed at catalogue prices

Waxy or Yellow-Podded BUSH BEANS

WAX BEAN CROP NEARLY A FAILURE

SURE-CROP STRINGLESS WAX. This splendid new Bean is one of the most prolific and best yet introduced. The beautiful, rich yellow, semi-round pods are 7 to 7½ inches long and over ½ inch wide. It is early, hardy, stringless, rustproof, of finest quality, and will sell on sight. Pkt. 10 cts., pt. 45 cts., qt. 90 cts., 2 qts. $1.75.

DAVIS KIDNEY WAX. Early. Pods long, between flat and round; clear waxen color; flavor and quality excellent. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

ROUND-POD KIDNEY, or BRITTLE WAX. Pods long, round, solid, brittle, stringless, and of fine quality. Plants vigorous, extra early, and very productive. Pkt. 10 cts., pt. 45 cts., qt. 90 cts., 2 qts. $1.75.

WARDWELL'S WAX. Excellent early variety. Pods creamy yellow, long, broad, flat, brittle, and stringless. Pkt. 10 cts., pt. 45 cts., qt. 90 cts., 2 qts. $1.75.

PENCIL-POD WAX. Pods long, round, straight, slender; fine in quality. Early; very productive. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

CURRIE'S RUSTPROOF. Rustproof; pods long, flat, tender, and of good quality. Extra early. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

HARDY WAX. Can be planted early. Resists disease and flourishes under unfavorable conditions. Stringless and of excellent quality. Pkt. 10 cts., pt. 45 cts., qt. 90 cts., 2 qts. $1.75.

BUSH LIMA BEANS

Like Pole Limas, these are very tender, and cannot be planted until the soil is quite warm and the weather is settled. Plant in rows 2 feet apart and 8 inches apart in the rows. Plant the eye downward. One quart will plant 100 feet of row.

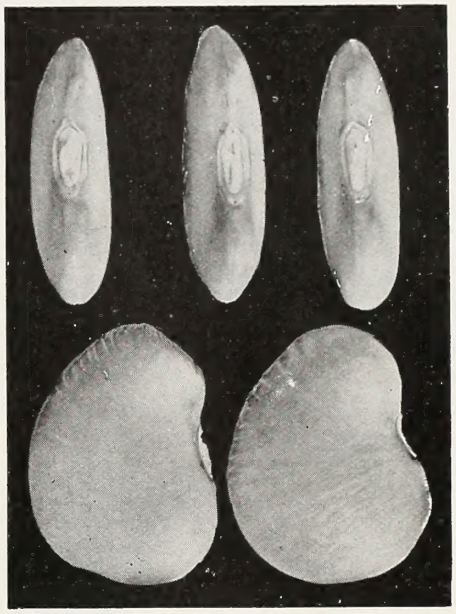
GIANT IMPROVED BUSH LIMA. This is superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety and of the very best quality. Matures earlier than others; immensely productive. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

EXTRA-EARLY GIANT BUSH LIMA. (See front cover.) This new variety resembles in all respects the preceding. Bean of same size and of equally good quality, but it matures approximately ten days to two weeks earlier and is more prolific. A splendid acquisition. Pkt. 10c., pt. 45c., qt. 90c., 2 qts. $1.75.

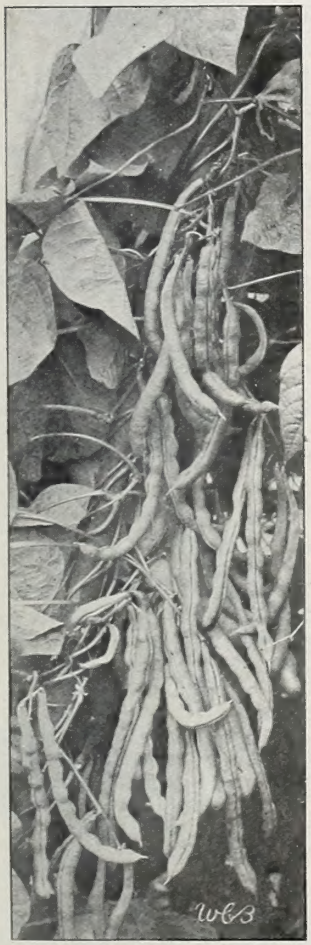
QUARTER-CENTURY, or WONDER BUSH. Stalks large, bushy, and vigorous, 18 to 20 inches high and as much across; yields heavy crops of large, well-filled pods, containing three or four Beans each, which in size and quality are equal to the Pole Lima. Pkt. 10c., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

FORDHOOK BUSH LIMA. Both pods and Beans much larger than those of any other Potato Lima. Habit of plant a strong, erect, bush-like growth. Pods borne in clusters of from four to eight, averaging five Beans to the pod. Exceedingly productive and of best quality. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

WOOD'S BUSH LIMA. Larger than Henderson Bush Lima, as productive and of as good quality, but a little later. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.



Giant Improved Bush Lima Beans



Kentucky Wonder Beans
See page 4

POLE or RUNNING BEANS (Stangenbohnen)

These and Bush Limas are less hardy than other Bush Beans, and should be planted several weeks later, when the ground is warmer. Plant the seeds in slightly raised hills, 5 to 6 feet apart, four or five seeds to a hill. The Limas are especially tender and the rule for late outside planting with them is rigid. Painstaking cultivators who are usually the most successful, plant them eye downward, after setting stout poles for every hill. All sorts of late-ripening Pole Beans are benefited by pinching the tips of the vines back when they are about 5 feet high. Lima Beans are considered by many the very finest of all Beans, and there is nothing in the vegetable line that can take their place. A quart of Limas will plant about 100 hills; a quart of smaller sorts about 200.

POLE LIMA BEANS All Best Grade, Hand-Picked

KING OF THE GARDEN. The vines set Beans early and bear until frost; allow only two vines to a hill. Grows very strongly and is very prolific. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

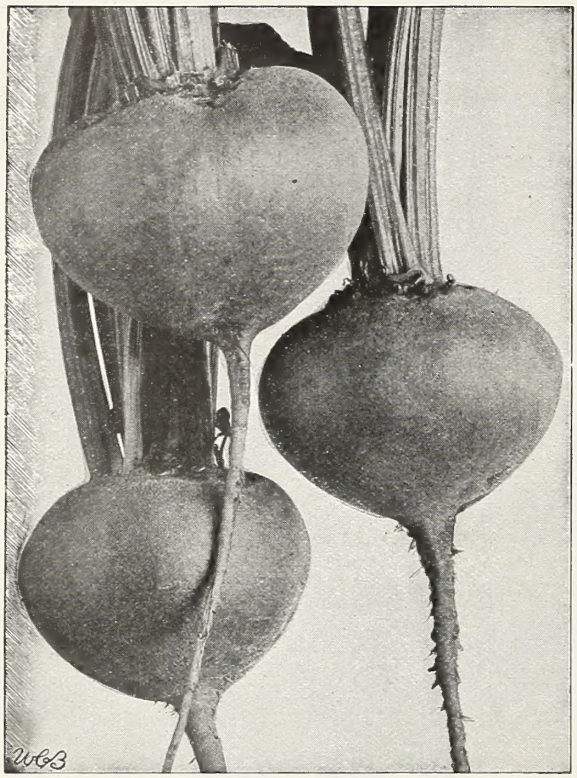
SIEBERT'S EARLY LIMA. Pods and Beans quite large; very early and productive; the Beans are very tender and of fine flavor. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

EARLY LEVIATHAN. Not only earlier than any other, but the Beans are of the largest size and unsurpassed in quality, being tender and of fine flavor. Very prolific. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

IDEAL. Pods produced in clusters and of enormous size. An immense cropper and quality of the best. Not extra early, but unsurpassed for a main-crop variety. Pkt. 10 cts., pt. 38 cts., qt. 75 cts., 2 qts. $1.45.

CARPINTERIA. The Bean of this Lima has a green tint, retaining this color even when ripe. This indicates good quality. Pods generally contain four large Beans, which are thin-skinned, very tender and of fine flavor. Vines are strong and bear profusely. Pkt. 10 cts., pt. 38 cts., qt. 75 cts., 2 qts. $1.45.

SIEVA, CAROLINA, or WILLOW-LEAF LIMA. Beans small, but of excellent quality. Very productive. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.



Crosby's Improved Beets

EDIBLE-PODDED POLE BEANS

KENTUCKY WONDER WAX. Has all the desirable qualities of Kentucky Wonder Green-Pod. Pods transparent yellow, stringless and of delicious quality. The vines are very vigorous in growth and immensely productive. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

DREER'S GOLDEN CLUSTER WAX. Bears long, golden yellow pods in clusters and continues for a long time. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

KENTUCKY WONDER, or OLD HOMESTEAD. Pods borne in clusters; deep green in color; round, and often 9 inches in length; tender, crisp and of finest quality. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

WHITE-SEEDED KENTUCKY WONDER, or BERGER'S GREEN-POD STRINGLESS. Earlier than Old Homestead and remains longer in bearing. Pods 6 to 8 inches long, borne in clusters; dark green in color; very meaty and stringless. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

LAZY WIFE. Very productive; pods green; 4 to 6 inches long; broad, thick, fleshy and entirely stringless; rich and tender. Pkt. 10 cts., pt. 50 cts., qt. $1.

PERFECTION WHITE. This is one of the early-maturing, white-seeded varieties. Very desirable for snaps and unsurpassed for a green shell Bean. Pods light green, 8 to 9 inches long, irregular in shape and quite stringless. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

HORTICULTURAL. Bears a profusion of large, fleshy pods; one of the best and finest-flavored shell Beans. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

WHITE CREASEBACK, or BEST OF ALL. Very productive, bearing in clusters; pods silvery green, medium size, best quality. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

ASPARAGUS, or YARD LONG. Pods are round and glossy and attain 2 feet or more in length; the Beans of good quality. Pkt. 10 cts.

SCARLET RUNNER. Grown principally for its flowers; good as a snap or shell Bean. Pkt. 10 cts., pt. 25 cts., qt. 50 cts.

Parcel-post weight of Beans: Pint 1 lb.; quart, 2 lbs.

LAWN GRASS SEED. **If you desire a perfect lawn, use our Evergreen Lawn Se d. For shady places, sow our Shady Nook Lawn Seed.**

BEST GARDEN BEETS (Salat-rüben)

The soil best suited for the Beet is a deep, light, and rich, friable loam. For very early crops, the seed is sown in hotbeds, and the seedlings are transplanted to the open ground. For main crop, the seed is sown outside as soon as the soil is in good condition, in drills from 12 to 15 inches apart, and covered about an inch deep; the plants are thinned to stand 4 to 5 inches apart in rows. For winter crops, sow in June, in drills, as for early Beets. An ounce will sow 50 feet of drill; five to six pounds to an acre.

CROSBY'S IMPROVED. Select stock. An improved Egyptian; its roots are thicker, smoother, and of better shape. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.75.

EGYPTIAN. An early sort; can be planted very closely; medium in size and dark crimson. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 65 cts., lb. $2.25.

EARLY MODEL. Select stock. A splendid Beet of perfect globe-shape; ripens very early; deep blood-red in color and of finest quality. Pkt. 10 cts., oz. 25 cts., ¼lb. 85 cts., lb. $3.

DETROIT BLOOD TURNIP. Roots globular or ovoid; flesh dark red and tender; foliage small. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.75.

CRIMSON GLOBE. Early; roots smooth and handsome; flesh and skin deep red; of best quality. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.75.

ELECTRIC. Early; globular and uniform; smooth skin; flesh deep red, tender and fine-grained Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.75.

BECKERT'S PERFECTION BLOOD TURNIP. Not early, but admirably adapted for main crop and for winter storage. The Beet is almost a perfect globe-shape, with small tap-root; its tendency is to grow only to medium size. Flesh dark crimson and remains tender and brittle after a season's growth. Pkt. 10 cts., oz. 25 cts., ¼lb. 85 cts., lb. $3.

SEIF BLOOD TURNIP. A local variety. Not extra early but excellent for main crop. Deep crimson in color; flesh very tender and remains so at all stages of its growth. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.75.

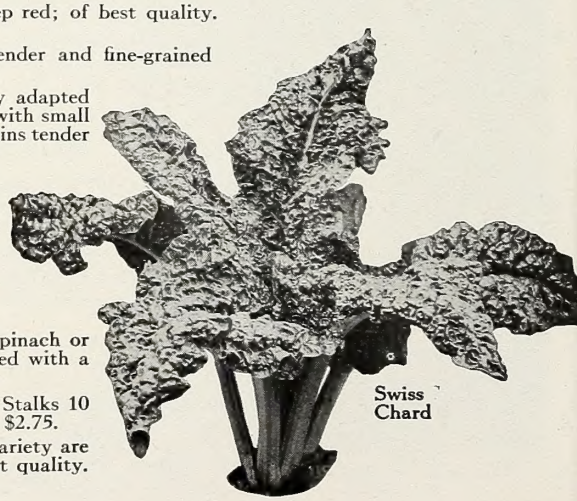
CRAUPADINE. Half-long, deep red roots; flesh firm, juicy and tender. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

SWISS CHARD

Grown for its tender, succulent tops, which are prepared for the table like spinach or asparagus, the leaves being boiled like spinach and the thick midribs being served with a dressing, like asparagus.

LUCULLUS. The leaf portion in this variety is curled like Savoy cabbage. Stalks 10 to 12 inches long and 1½ inches around. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. $2.75.

LARGE SILVER-RIBBED CURLED. The yellowish green leaves of this variety are crinkled and curled to a remarkable degree. Stalks and midribs white. Excellent quality. Pkt. 10 cts., oz. 20 cts., ¼lb. 70 cts., lb. $2.50.



Swiss Chard

Giant Long Red Mangel

FIELD BEETS FOR STOCK-FEEDING

Grown for stock-feeding, they form very wholesome and nutritious food. Of special value for feeding to cows, as they greatly increase the flow of milk. The seeds should be dropped about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 to 16 inches between them. From five to eight pounds of seed are required to sow an acre.

GIANT LONG RED MANGEL. Heavy cropper; roots long and thick. Oz. 10 cts., ¼lb. 30 cts., lb. $1.

GIANT YELLOW INTERMEDIATE. Roots oval-shaped; enormous yielder. Oz. 10 cts., ¼lb. 30 cts., lb. $1.

GIANT HALF-SUGAR. Rich in sugar, with close-grained flesh, and more nutritious than others. Roots bronze-green above ground and grayish white below. Very productive. Oz. 10 cts., ¼lb. 30 cts., lb. $1.

GOLDEN TANKARD. Has large roots; flesh bright yellow. Oz. 10 cts., ¼lb. 30 cts., lb. $1.

RED-TOP SUGAR BEET. Has a good percentage of sugar; white flesh. Grows very large, but retains its tender quality. Oz. 10c., ¼lb. 30 c., lb. $1.

BROCCOLI (Sprossenkohl)

Requires the same treatment as cauliflower. The heads are tender, white, and of delicate flavor. An ounce of seed will produce about 2,000 plants.

WHITE CAPE. Creamy white; medium, compact; sure to form; delicate flavor. Pkt. 10 cts., oz. $1.

BRUSSELS SPROUTS (Rosenkohl)

The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce of seed will produce 2,000 plants.

Brussels Sprouts

AMAGAR MARKET. Plants of very vigorous growth, about 3 feet in height; stalks large, thick, and close-jointed, the Sprouts set quite thickly on the stalk, and are developed very uniformly. Pkt. 10c., oz. 60c.

CABBAGE (Kopfkohl)

Seed sown in hotbed or greenhouse about February 15 will give plants large enough to transplant into hotbeds about March 10. Set them 2 to 3 inches apart each way, and as soon as they become well established, remove the glass for part of the day, to harden them for final transplanting into the open ground, increasing the exposure daily until April 10 to 20, when the final transplanting may be made. For late crops, sow the seed in April or May and transplant to the open ground when large enough, setting the plants up to the first leaf, and 2 by 3 feet apart. It is important that the plants should not stand thick in the seed-beds, as this would induce weak, slender plants. The insects which molest them should be kept in check with remedies which seem most efficacious in the locality. There is a tendency to club-root if Cabbage is grown on the same ground year after year.

EARLY EXPRESS, or LIGHTNING. Very early; small, conical heads. Pkts. 5 cts. and 10 cts., oz. 50 cts.

COPENHAGEN MARKET. As early as Charleston Wakefield. Plants short-stemmed; heads round solid, weighing about ten pounds, and of fine quality. Pkt. 10 cts., oz. 75 cts., ¼lb. $2.50.

SMALL EXTRA-EARLY JERSEY WAKEFIELD. Earliest strain of Wakefield. Heads small and solid. Pkts. 5 cts. and 10 cts., oz. 50 cts.

EXTRA-EARLY JERSEY WAKEFIELD. Leading early variety. Heads of medium size, pyramidal, pointed, firm and solid, with few outside leaves; uniform in size and time of maturing, and of good quality. Pkts. 5 cts. and 10 cts., oz. 50 cts., ¼lb. $1.60.

LARGE JERSEY WAKEFIELD, or CHARLESTON. A selection from the preceding, and ten days later, with heads twice as large. Pkts. 5c. and 10c., oz. 50c., ¼lb. $1.60.

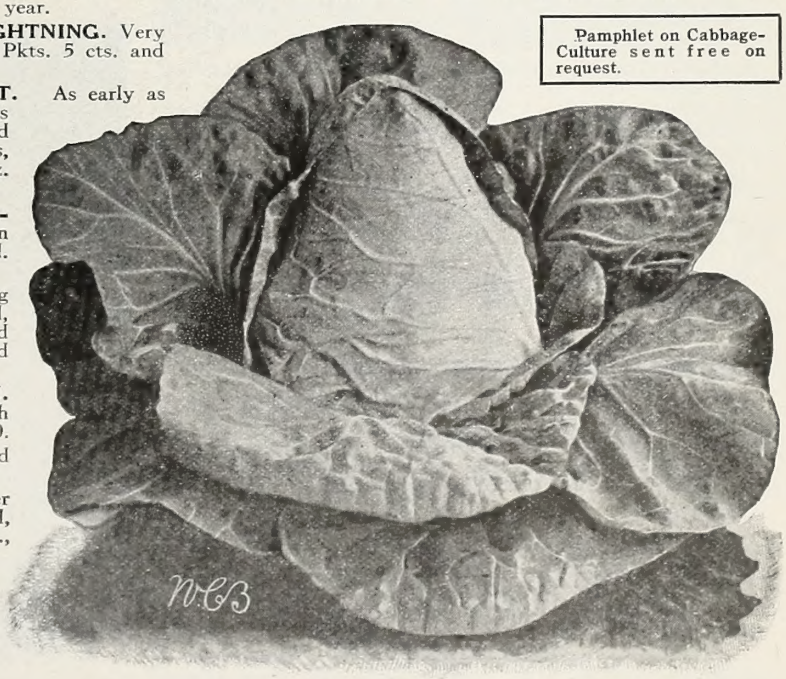
WINNIGSTADT. Heads conical; medium early; good size and fine quality., Pkts. 5 cts. and 10 cts., oz. 40 cts.

VOLGA. Of early maturity, coming in a few days after Early Wakefield. Heads round, uniform, and very solid, weighing from ten to twelve pounds. Pkts. 5 cts. and 10 cts., oz. 50 cts., ¼lb. $1.60.

EARLY SUMMER. Heads large, solid, roundish, flat; stands a long while after maturity without bursting. A desirable variety. Pkts. 5 cts. and 10 cts., oz. 50 cts., ¼lb. $1.60.

ENKHUIZEN GLORY. Combines earliness, size and quality. Produces large, solid, ball-shaped heads, with few outside leaves. Pkt. 10c., oz. 75c., ¼lb. $2.50.

Pamphlet on Cabbage-Culture sent free on request.



Extra-Early Jersey Wakefield Cabbage

Select Late Flat Dutch Cabbage

EARLY ALLHEAD. Leading early summer Cabbage. Very solid and grows uniform in size and form; sure-heading and adaptable to many soils—a point much in its favor; it has also proved equally good as a winter Cabbage. Pkts. 5 cts. and 10 cts., oz. 50 cts., ¼lb. $1.60.

CABBAGE, continued

ALL-SEASON, or SUCCESSION. Almost as early as Early Summer; heads larger and thick; good for early and late crop. Pkts. 5 cts. and 10 cts., oz. 50 cts., ¼lb. $1.60.

SUREHEAD. Of Flat Dutch type, uniform in shape and size, solid and heavy. Pkt. 10 cts., oz. 60 cts., ¼lb. $1.90.

SELECT LARGE LATE FLAT DUTCH. An excellent keeping variety; more extensively grown for main crops than any other sort. Heads large, broad, roundish flat, solid and of good quality. Pkts. 5 cts. and 10 cts., oz. 40 cts., ¼lb. $1.45.

SHORT-STEM DRUMHEAD. Of uniform and dwarf growth. Heads very solid and attaining a weight of twenty to twenty-five pounds. Pkts. 5 cts. and 10 cts., oz. 40 cts., ¼lb. $1.45.

DANISH SHORT-STEM ROUNDHEAD. Early and short-stemmed; heads large and heavy; withstands severe droughts. Pkt. 10 cts., oz. 60 cts., ¼lb. $1.90.

DANISH BALLHEAD, or ROUNDHEAD. Heads of medium size, round and very solid; matures late, and is a splendid keeper. Pkt. 10 cts., oz. 60 cts., ¼lb. $1.90.

CHINESE PE-TSAI (Celery Cabbage). Forms a long head resembling a Cos lettuce. Of milder flavor than the European Cabbage. It may be eaten raw as salad or boiled. Pkt. 10 cts., oz. 50 cts.

PERFECTION DRUMHEAD SAVOY. Heads large and solid, with finely curled, close, wrinkled leaves of cauliflower flavor; a good-keeping winter Cabbage. Pkts. 5 cts. and 10 cts., oz. 45 cts., ¼lb. $1.50.

MAMMOTH ROCK RED. A select late strain of red Cabbage, with very large and solid heads. Favorite Cabbage for pickling. Pkts. 5 cts. and 10 cts., oz. 60 cts., ¼lb. $1.90.

RED DANISH STONEHEAD. Heads perfectly round and extremely solid; large in size; deep purplish red, showing but slight traces of white. Pkts. 5 cts. and 10 cts., oz. 60 cts., ¼lb. $1.90.

CAULIFLOWER (Blumenkohl)

How to Grow Fine Cauliflower. Culture for Cauliflower and cabbage is essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts, they begin to form heads before they are strong enough to develop them well. Plants which have not headed before winter sets in may be stored in a cool cellar or coldframe, and will form heads without further attention. An ounce of seed will produce about 1,500 plants.

BECKERT'S EARLY SNOWBALL. Produces large, handsome white heads, 8 to 10 inches across; close, compact, and of the finest quality; stalks short, of compact growth; equally good for a late crop; can be planted closely; extra early, a certain header. Unsurpassed by any strain offered. Pkt. 25 cts., ¼oz. $1.25, oz. $4.

PERFECTION. A new and distinct variety that is as early as Snowball and produces equally perfect a head. Has long leaves that grow straight up, with the inner leaves twisted and whorled, which naturally protects the head from the sun to a great extent. Pkt. 25 cts., ¼oz. $1.25, oz. $4.

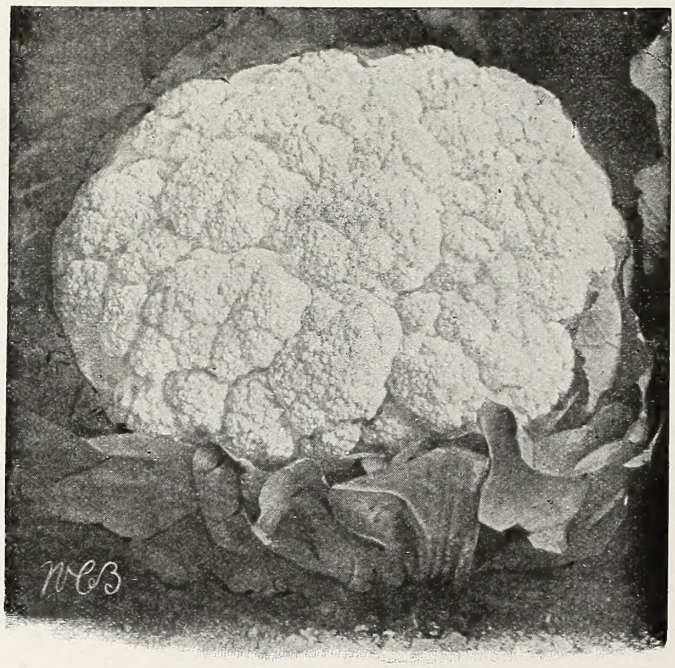
DANISH GIANT, or DRY WEATHER. Similar to Snowball in size, quality, etc., but matures about one week later, and is a better drought- and heat-resister. Pkt. 25 cts., ¼oz. $1.25, oz. $4.

EXTRA-EARLY PARIS. Large leaves and large, firm, white heads. Pkt. 10 cts., ¼oz. 35 cts., oz. $1.

ALGIERS. Late, sure-heading; the heads are good in color and quality and long keeping. Pkt. 10 cts., ¼oz. 35 cts., oz. $1.

LENORMAND'S SHORT-STEM. This is a late Cauliflower, forming good heads, with close, uniform curds. Pkt. 10 cts., ¼oz. 35 cts., oz. $1.

VEITCH'S AUTUMN GIANT. White, large, firm heads. Pkt. 5 cts., ¼oz. 20 cts., oz. 60 cts.



Beckert's Early Snowball Cauliflower

CHICORY (Cichorie)

Sow early in spring, in good, mellow soil, in drills half an inch deep and 12 inches apart.

LARGE-ROOTED MAGDEBURG. The leaves when blanched make an excellent salad; it is also mixed with or used as a substitute for coffee. Oz. 15 cts., ¼lb. 45 cts.

WITLOOF, or BRUSSELS. Remarkable for the width of its leaves and great size of its ribs and stalks. Grown in trenches or under glass, produces in winter the well-known vegetable and salad called "French Endive." It is grown in the field in rows about 1 foot apart, then taken up in the fall and trenched or grown under glass, when it will grow out and bleach in 5 to 6 weeks. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.

SEND FOR OUR PAMPHLETS ON CABBAGE- AND CAULIFLOWER-CULTURE. THEY ARE FREE

CELERY (Sellerie)

Celery can be grown in any garden soil, but the finest is produced in deep, mellow bottom land. Seed for early crops should be sown in hotbeds about March 15. The plants may be either thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground. For main crop, seed should be sown in the open as soon as the soil and air are warm enough. They should be covered lightly, and firmly pressed into the earth with a board, if the soil is fine and mellow. The seed-bed must be kept free from weeds, and well watered in dry weather. When the plants are large enough, transplant them to shallow trenches or furrows, from 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. Blanching consists of drawing earth up to the stalks at intervals of about two weeks, until all but the tops of the plants are covered. Celery may be kept for winter use in pots or cellars, or in deep, narrow trenches, in a dry situation; the latter must be covered with boards, with sufficient soil and manure on top to keep out the frost, leaving openings at short distances for ventilation in mild weather. An ounce of seed will produce about 2,000 plants.

GOLDEN SELF-BLANCHING. French-grown. Originator's stock. Stalks of the Golden Self-blanching are a beautiful golden yellow. Plants semi-dwarf and vigorous, with large, ribbed and rounded stalks which are quite crisp and tender. Pkt. 15 cts., oz. $1.25, ¼lb. $4.50.

WHITE PLUME. Easily blanched, and one of the very handsomest sorts grown. In large plants the stalks, hearts, and inner leaves become white without any blanching. Pkts. 5 cts. and 10 cts., oz. 50 cts., ¼lb. $1.50.

GIANT PASCAL. The stalks are broad, thick, and about 2 feet high; blanches quickly; rich, nutty flavor; tender, crisp, and stringless. An excellent market Celery. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

COLUMBIA. Excellent early variety. Of medium height and stocky. Stalks thick and rich yellow when blanched. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25.

BECKERT'S PERFECTION WINTER. Grows to good size; very brittle, and white. For solidity, crispness, and fine, nutty flavor it is unsurpassed; its most valuable recommendation to growers is its remarkable keeping quality, as it can be kept until spring. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.50.

FORDHOOK EMPEROR. A valuable new and distinct variety for winter use. Dwarf in habit, attaining a height of 15 to 18 inches. Stalks smooth and thick. Color white with heart tinged yellow. Quality the finest. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.50.

MAGNIFICENT. This Celery is of the very finest quality. A very popular golden dwarf type of past years, recommended for a late fall and winter crop, being unexcelled as a long keeper. Of medium height and strong and robust growth. Very full-hearted, crisp, and solid, and when blanched it is of a golden yellow. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.50.

Golden Self-blanching Celery

WINTER QUEEN. Of medium height and strong, robust growth; stalks thick and heavy, with numerous hearts; perfectly solid, rich and of delicious nutty flavor; a fine winter keeper. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

EASY-BLANCHING. Thick, broad stalks; shallow ribs. Tender, brittle and very easily bleached. Pkt. 15 cts., oz. $1.25.

STANDARD BEARER. A splendid red variety of compact and sturdy habit, robust growth and superior quality. Pkt. 10 cts., oz. 60 cts.

Prague Giant Celeriac

CELERIAC, or TURNIP-ROOTED CELERY

(Knollen Sellerie)

Sow in early spring; transplant the seedlings in May. They will be ready for cooking in October, and may be preserved in dry sand for use during winter. Celeriac is said to be as fine a nerve-tonic as celery, and can be grown in many sections where celery-culture is practically impossible. The roots have almost the same flavor as white celery stalks, while they keep much longer than celery. An ounce of seed will produce about 2,000 plants.

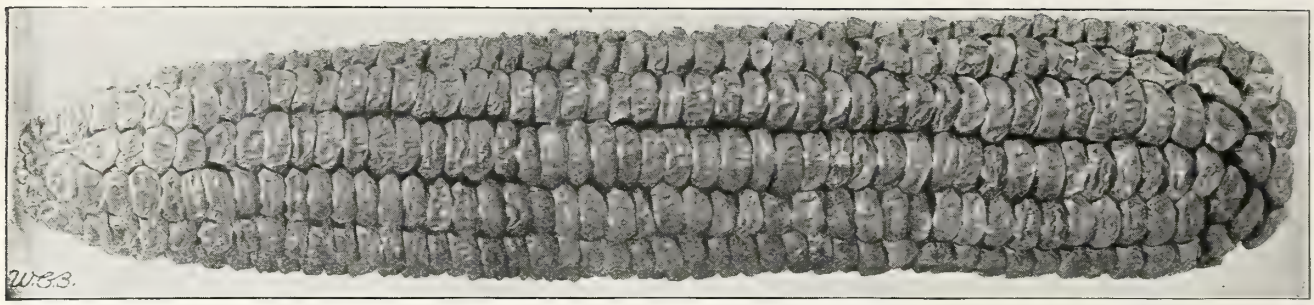
PRAGUE GIANT. Roots are very large. When young, they are quite tender and marrow-like, having a very fine flavor and cooking quickly. Pkts. 5 cts. and 10 cts., oz. 40 cts.

CRESS (Kresse)

Excellent spicy spring salads. Pepper Grass should be sown thickly in shallow drills in early spring, and at intervals for continued supply, as it soon runs to seed.

EXTRA-CURLED, or PEPPER GRASS. Of pleasant, pungent flavor; the leaves can be cut several times. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WATER CRESS. Small, oval leaves; very tender, crisp and pleasantly spicy when young. Plants of prostrate habit. A perennial aquatic, which grows well in any running stream. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.50.



Beckert's Golden Evergreen Corn (¾ natural size)

CORN, Sweet or Sugar

(Maïs)

The unfavorable fall and severe early frost have seriously injured the growing crops of Sugar Corn and jeopardized the maturing of the seed of many varieties. At the date of going to press with this catalogue it is impossible to determine the outcome, in consequence of which we may be unable to supply quite a number of varieties herein listed. Under the most favorable conditions possible the supply of good Seed Corn will be limited.

This delicious vegetable may be enjoyed from early summer until frost, if the proper varieties are selected and planted for succession at intervals of every two weeks until the middle of July. If the seed is planted too early, before the ground becomes warm, it is liable to decay. Plant in hills 3 to 4 feet apart each way, five or six kernels to a hill, or in rows 4 to 5 feet apart, scattering the seeds thinly in the rows. The taller-growing the variety, the richer should be the soil and the wider the space allowed for development. One quart will plant 200 hills.

Time of maturity from planting the seed until the ears are fit for the table, as here given, is only approximate and for a normal season, varying in different seasons and under different conditions

Beckert's Golden Evergreen. It is a cross of Golden Bantam and White Evergreen, and combines the deliciously sweet flavor of Golden Bantam and the evergreen habit of White Evergreen. It is ready for the table about five days after Golden Bantam, but the ears are much longer, being intermediate in size between those of its parents. The stalks are strong, about 6 feet high, and generally produce two good ears, 8 to 10 inches long, of deep sugary grains. Usually 12-rowed, but at times 14-rowed. It is a true Evergreen; the ears remain green and edible for more than two weeks from any planting and remain in the roasting-ear stage for more than a month from late plantings. The habit has been so well fixed by eight years' careful selection that only from early plantings will seed become sufficiently matured before frost. The husk on the ears is abundant to protect the ears from corn-worm and smut, and this variety has never been affected by either. It combines all good qualities of an early, midseason, and late variety. Hardy in the seed, it may be planted early; having a strong root-system, it is drought-resistant to a large extent. If planted about July 4, the best roasting ears of the season may be gathered from the middle of September until killing frost late in October. Produces just the right-sized ears from any planting for eating off the cob. It is particularly well adapted for market-gardeners who have a discriminating trade. It has always sold at a premium and there has never been enough to supply the demand. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15. (See front cover.)

POCAHONTAS. 58 days. Probably the earliest Sweet Corn. Quality as good as other extra-early varieties. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., 2 qts. 95 cts.

EARLY MAYFLOWER. 60 days. Earlier than White Cory. Ears of about the same size and of equally good quality. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., 2 qts. 95 cts.

MAYFLOWER NO. 2. 65 days. This variety is 8-, 10-, and 12-rowed. Ears quite large; kernels broad; quality excellent. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., 2 qts. 95 cts.

PREMO. 60 days. One of the earliest; ears of good size for so early a variety; quality good. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., 2 qts. 95 cts.

GOLDEN BANTAM. 60 days. Very early and of finest quality; ears small, grains golden yellow. Very productive. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

GOLDENROD. 75 days. For the most part a long-eared and 10-rowed variety. Quite productive, nicely flavored, and golden yellow in color. Good for a succession to Golden Bantam. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

WHITE CORY. 60 days. Early; ears 6 to 7 inches long; of good quality. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

HOWLING MOB. 68 days. Larger than Cory and a few days later. Ears of very attractive appearance and finest quality. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., 2 qts. 95 cts.

EARLY CHAMPION. 70 days. Ears large and full. After Perry's Hybrid. 10- or 12-rowed; quality excellent. Pkt. 10 cts., qt. 25 cts., qt. 50 cts., 2 qts. 95 cts.

METROPOLITAN. 70 days. Ears 9 inches long and 10- and 12-, rowed. Quality tender and excellent. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

GOLDEN CREAM. 70 days. A cross between Country Gentleman and Golden Bantam. Kernels, ear and cob are like Country Gentleman, while the flavor resembles and is equal to that of Golden Bantam. Pkt. 10 cts., pt. 35 cts., qt. 70 cts., 2 qts. $1.35.

KENDEL'S EARLY GIANT. 75 days. A week later than Cory but larger; a popular market variety. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., 2 qts. 95 cts.

EARLY EVERGREEN. 90 days. Similar to Evergreen, but earlier. Quality best. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

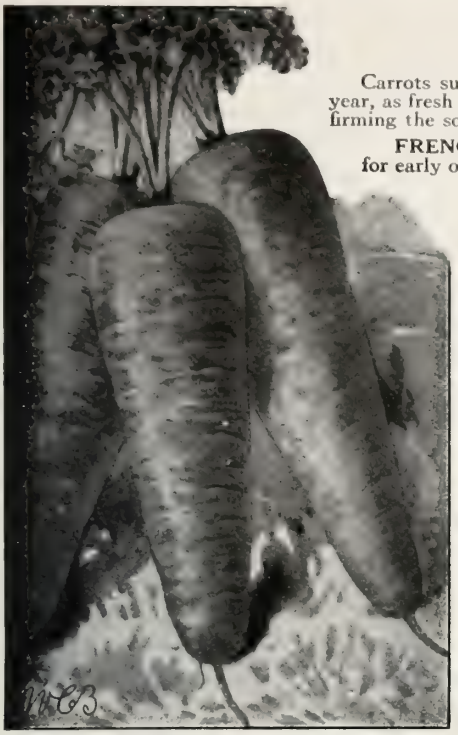
EARLY MAMMOTH. 95 days. Earlier than Late Mammoth; ears as long, but more tapering; tender and of fine flavor. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

COUNTRY GENTLEMAN. 95 days. The ears of this popular variety are of good size and are well filled with deep, white grains of delicious quality. Cobs small. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

STOWELL'S EVERGREEN. Grown more than any other sort. Ears large, with deep, sugary grains; remains fit for use a long time. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

LATE MAMMOTH. A large-eared late variety, maturing after Evergreen. Ears thick through, with many rows of broad grains of excellent quality. One of the best large-eared sorts. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

Parcel-post weight of Sweet Corn: Pint, 12 ozs.; quart, 24 ozs.



Half-Long Luc Carrots

CARROTS (Möhren)

Carrots succeed best on heavy loam, which preferably should have been well fertilized the previous year, as fresh manure often causes the roots to grow pronged and misshapen. Sow the seed early in spring, firming the soil down over it. An ounce of seed will sow 100 feet of drill; four pounds will sow an acre.

FRENCH FORCING. Roots almost globular; orange-red color. Tops very small. For forcing or for early outdoors. Pkts. 5 cts. and 10 cts., oz. 30 cts.

EARLY SCARLET HORN. For early crops. Roots are about 3 inches long, orange-red, and of very good quality. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 90 cts.

HALF-LONG NANTES. Roots cylindrical, smooth, and blunt-pointed. Flesh orange-red, mild, and nearly coreless. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 90 cts.

HALF-LONG STUMP-ROOTED. Much like the Half-Long Pointed, except that the roots have the stump form. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 90 cts.

GUERANDE, or OXHEART. Thick and very blunt-rooted; 5 inches long; deep red; tender, of fine flavor and a heavy cropper. Fine market sort. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 90 cts.

CHANTENAY, or MODEL. Handsome roots; deep orange-red; broad-shouldered, smooth and more uniform than the Danvers. Of superior flavor and very tender. Produces large crops. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 90 cts.

HALF-LONG LUC. A very symmetrical, half-long, stump-rooted variety; deep orange-red; early, very productive, of fine quality. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.10.

ST. VALERY INTERMEDIATE. Thick-shouldered, intermediate in length between the Half-Long and Long Orange varieties. Flesh rich orange-red and of finest quality. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 90 cts.

DANVERS HALF-LONG. The roots are smooth, thick, and intermediate between Short Horn and Long Orange in form; orange-red. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 90 cts.

IMPROVED LONG ORANGE. Extensively grown; good and heavy in yield. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 90 cts.

WHITE BELGIAN. A very productive, white-fleshed variety for stock-feeding. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.50.

CUCUMBERS (Gurke)

The seed should not be planted in the open ground before the weather has become warm and settled, and the ground mellow and light. Plant the seeds in well-enriched hills about 4 feet apart each way, and, as soon as all danger from insects is over, thin the plants to leave four of the strongest in each hill. For succession, sow at intervals of every two weeks until midsummer. Extra-early crops are grown by planting the seed in hotbeds in April, upon pieces of sod turned upside down, and removing them to hills in open ground as soon as the weather is warm enough. For pickles, sow seed from the middle of June until the middle of July. The vines bear longer if the fruits are gathered as soon as they are large enough; their strength is soon exhausted by ripening fruits. An ounce of seed will plant 100 hills; two pounds will plant an acre.

FORCING WHITE SPINE. A selected strain of White Spine. Fruits large, green, medium thick; holds its color well. Pkt. 10 cts., oz. 75 cts.

DAVIS PERFECT. Fruit long and slim; color rich, dark glossy green, retaining this color until nearly ripe; flesh tender, crisp, and of fine flavor. Very early and a fine forcer. A splendid market variety. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

ARLINGTON, or IMPROVED WHITE SPINE. Very prolific and early; fruit large and smooth, much used for forcing, but equally desirable for outdoor culture. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

EXTRA-LONG, or EVERGREEN WHITE SPINE. Smooth, dark green, attaining a length of 10 to 12 inches; regular in form and size. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

FORDHOOK FAMOUS. Fruits long, smooth, and dark green; very productive. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

IMPROVED LONG GREEN. The leading long sort, and excellent for pickles. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

EARLY FORTUNE. Fruit very dark green, cylindrical in shape, and about 7 inches long. Flesh thick, fine grained, crisp, and of fine quality. Early and very productive. Pkt. 5c., oz. 15c., ¼lb. 50 cts.

COOL AND CRISP. Fruit long and cylindrical; dark green; early and productive. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

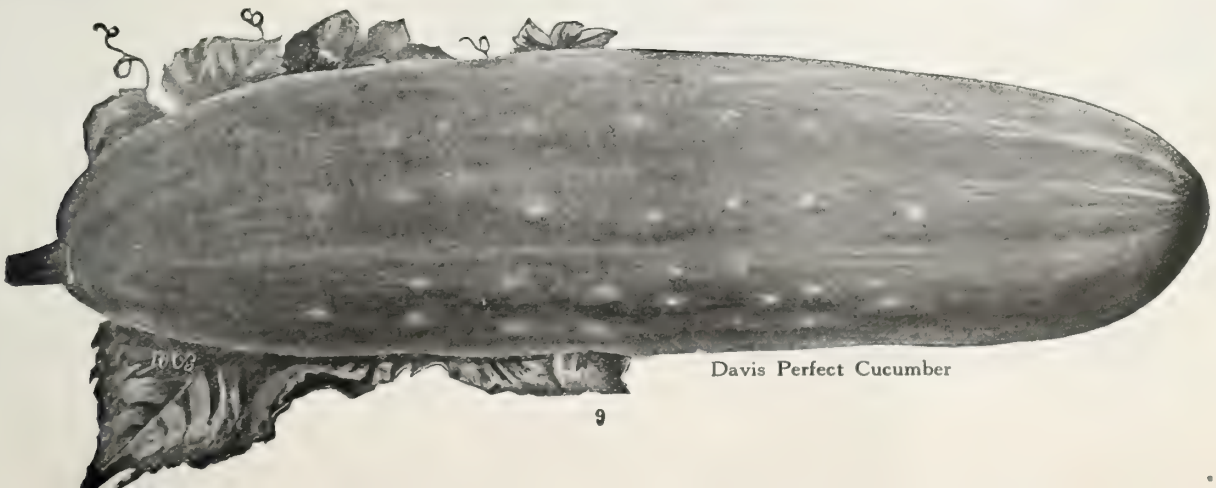
NICHOLS MEDIUM GREEN. Fruit medium size, straight, and smooth; flesh crisp and tender. A very prolific variety. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

JERSEY PICKLING. Wonderfully productive; deep green; small and very uniform in size. Pkt. 5 cts., oz. 10 cts., ¼lb. 40 cts.

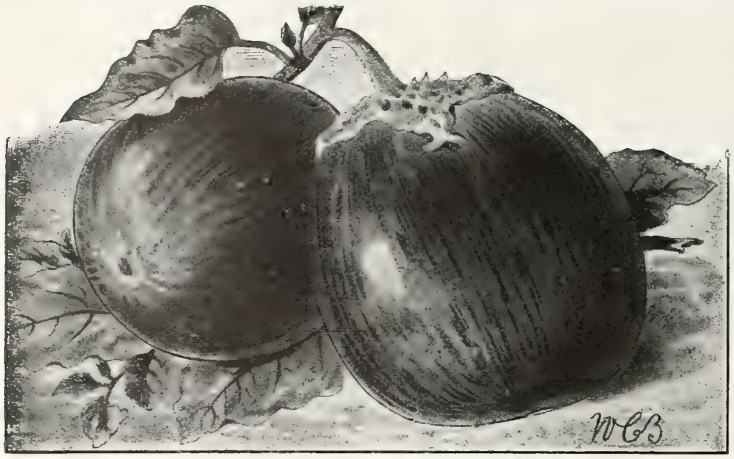
SNOW'S PERFECTION PICKLE. Shorter than Jersey or Westerfield Pickle; broad at stem end and tapering slightly to the tip. Pkt. 5 cts., oz. 10 cts., ¼lb. 40 cts.

JAPANESE CLIMBING. Fruits almost straight, large and from 12 to 16 in. long; skin dark green; flesh thick. Pkt. 5c., oz. 20c., ¼lb. 60c.

WEST INDIA GHERKIN. Small, rough, prickly fruits, used for pickling. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.



Davis Perfect Cucumber



New York Improved Thornless Eggplant

Dwarf Curled Green Scotch Kale

ENGLISH FRAME CUCUMBERS

These varieties are used for forcing. They can be grown in hotbeds or houses where the temperature does not fall below 65 degrees at night. The fruits are long, smooth and handsome, frequently growing 20 to 30 inches long.

Improved Telegraph — **Tender and True**
Chennell's Challenger — **Worthing Favorite**
Lockie's Perfection — **Covent Garden Favorite**

Each, per pkt. of 10 seeds, 25 cts.; pkt. of 25 seeds, 50 cts.; 100 seeds, $1.75

CORN SALAD (Feldsalat)

Sow the seed thickly in shallow drills in September, and firm the soil well down above it, if the weather be dry. Highly appreciated, and much grown where other salads and lettuces do not succeed. Prepared in the same manner as lettuce and makes an excellent dish. An ounce of seed will sow a bed 20 feet square.

LARGE-SEEDED. Has large, tender leaves. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

DANDELION (Pardeblum)

An early spring salad. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the row.

IMPROVED FRENCH THICK-LEAVED. Pkt. 10 cts., oz. 75 cts.

Large Green Curled (Ruffec) Endive

EGGPLANT (Eierpflanze)

Sow the seeds in hotbeds in early March, transplant to small pots, and plunge them in the same beds; this is to make them strong and stocky. They should not be planted out until May or June, when the weather becomes warm and settled. Set the plants in rows 3 feet apart each way and give them thorough cultivation. An ounce of seed will produce 1,000 plants.

NEW YORK IMPROVED THORNLESS. A strong and productive sort. Fruits deep purple, large, smooth, free from thorns; flesh white, tender, of delicate flavor. Pkts. 5 cts. and 10 cts., oz. 60 cts.

BLACK BEAUTY. Fruit broad and thick, lustrous purplish black color; very productive; of excellent quality. Pkts. 5 cts. and 10 cts., oz. 60 cts.

FLORIDA HIGH-BUSH. Popular in the South. Fruit large and purple and held well up from the ground. Pkts. 5 cts. and 10 cts., oz. 60 cts.

ENDIVE (Endivie)

This is an important fall and winter salad. For early, the seed should be sown in April, in drills 15 inches apart, and the seedlings thinned to stand 12 inches apart in the rows. Sowings for the main crop may be made in June and July, as the vegetable is used principally in fall and winter. The inner leaves are blanched by tying the tips of the outer ones together, or by laying boards over the plants. An ounce of seed will sow 150 feet of drill.

LARGE GREEN CURLED (Ruffec). Dark green leaves, beautifully curled and, when blanched, very crisp and tender; ready for use earlier than other sorts. Pkts. 6 cts. and 10 cts., oz. 25 cts.

GIANT FRINGED. A very strong-growing variety. Broad stems and large white heart. Good for fall and winter. Fine in appearance and quality. Pkts. 5 cts. and 10 cts., oz. 25 cts.

BROAD-LEAVED BATAVIAN (Escarolle). The broad, thick leaves make excellent salads when blanched. Pkts. 5 cts. and 10 cts., oz. 25 cts.

MOSS CURLED. This variety has very finely curled leaves. Tender and excellent quality. Pkts. 5 cts. and 10 cts., oz. 30 cts.

WHITE CURLED. Has tender, curly leaves of silvery green. Pkts. 5 cts. and 10 cts., oz. 30 cts.

KALE, or BORECOLE (Krauskohl)

An ounce of seed will sow about 200 feet of drill.

DWARF GERMAN GREENS (Siberian Kale). Generally sown broadcast, but can be sown in drills a foot apart in August. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

DWARF CURLED GREEN SCOTCH. Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet. The leaves are bright green, tender, and elegantly curled. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts.

MOSBACH WINTER. In height medium between Tall and Dwarf Scotch. Leaves yellowish green, bent upward, and curled on the margins. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

TALL CURLED GREEN SCOTCH. Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts.

London Flag Leeks

KOHLRABI (Kohlrabi)

Very palatable when prepared for the table like turnips. If the weather is favorable, the seed should be sown in April, in rows 18 inches apart, and the seedlings thinned to stand a foot apart for White Giant, and 6 to 8 inches apart for other sorts. They are fit for use when 3 to 4 inches in diameter. For late crops, sow seed in June or July. An ounce of seed will produce 2,500 plants.

VERY EARLY WHITE VIENNA. The earliest sort. The plants grow rapidly, have small foliage, and mature their fine, round, white bulbs quite early. Pkts. 5 cts. and 10 cts., oz. 35 cts.

EARLY PURPLE VIENNA. This variety differs from the above mainly in the color of its roots, which are a bluish purple. Pkts. 5 cts. and 10 cts., oz. 35 cts.

LEEKS (Lauch)

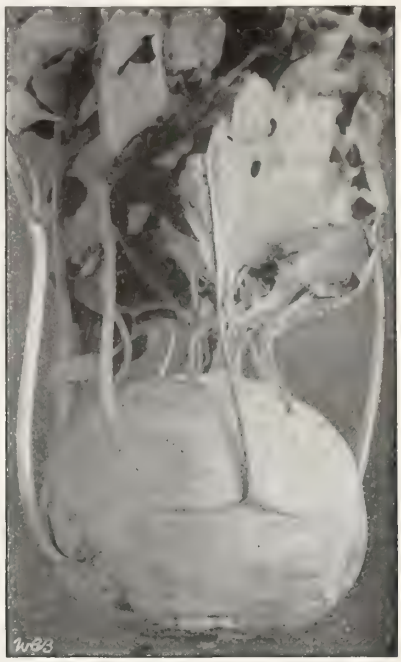
Used for seasoning soups and boiling with meats. The seed should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 8 inches apart, in rows from 12 to 15 inches apart. For a winter supply, sow seed in the open ground in early spring, and thin the seedlings until they have room for development, or transplant them as above. Store like celery for winter. An ounce of seed will sow about 100 feet of drill.

LONDON, or AMERICAN FLAG. The variety most extensively cultivated. Stalks early and large. Pkts. 5 cts. and 10 cts., oz. 30 cts.

MUSSELBURGH. Broad, spreading leaves and very large broad stalks. Pkts. 5 cts. and 10 cts., oz. 30 cts.

GIANT CARENTAN. Stalks thick, short, hardy, mild-flavored. Pkts. 5 cts. and 10 cts., oz. 30 cts.

ROUEN WINTER. Stalks very large, hardy, late-keeping and lighter green than in other sorts. Pkts. 5 cts. and 10 cts., oz. 30 cts.



Very Early White Vienna Kohlrabi

LETTUCE (Garten Salat)

Seed for the first outdoor crop is usually sown in hotbeds in February, and the seedlings transplanted to the garden in April, 8 to 12 inches apart in rows 12 inches apart. For a succession until frost, sow in drills in the open ground at intervals of every two or three weeks, and thin the plants to stand 6 to 8 inches apart. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall, and cover up as winter approaches, until the plants are required for use. Or the seed may be sown in hotbeds early in winter and the seedlings transplanted into fine and well-prepared garden soil. Half an ounce of seed will sow 100 feet of drill and produce about 1,500 plants.

BECKERT'S GOLDEN CURLED. The best for early spring and summer crops. Grows rapidly, resists heat well and forms immense, tender heads of nicely curled, light yellow leaves of the best quality. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

BECKERT'S BROWN CURLED, or CHARTIER. Closely resembles the above, except in color. Grown under glass the leaves are a soft greenish white; but grown in the open air they take on a bronze cast, still remaining crisp and tender. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

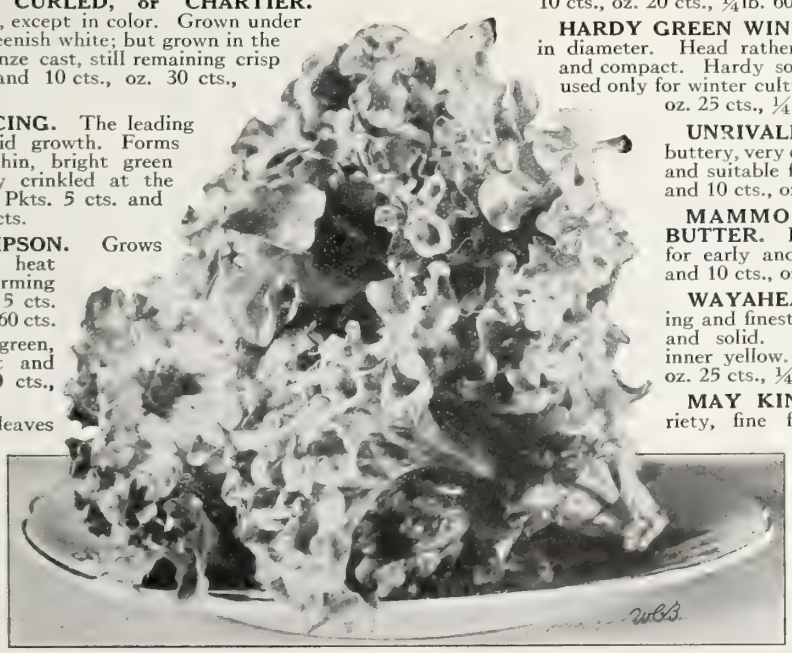
GRAND RAPIDS FORCING. The leading variety for forcing; of rapid growth. Forms a large loose cluster of thin, bright green leaves; savoyed and finely crinkled at the edges. Quality excellent. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

BLACK-SEEDED SIMPSON. Grows very rapidly, withstanding heat and drought well, and forming large, bushy stalks. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.

HANSON. Large; leaves green, light yellow within; sweet and crisp. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.

THE MORSE. Outer leaves light green, inner leaves blanched to a beautiful yellow. Crisp and tender. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

WHITE STAR. Grows large and rapidly. Leaves broad and thick, with frilled edges. A good forcer. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.



Grand Rapids Lettuce

EARLY CURLED SIMPSON. Sown broadcast and the leaves cut when quite young. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 50 cts.

BIG BOSTON. The solidity and large size of the heads make this of great value for forcing and general crops. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.

HARDY GREEN WINTER. Plant 7 to 8 inches in diameter. Head rather close, green, fairly solid, and compact. Hardy sort of fine quality, which is used only for winter culture. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

UNRIVALED SUMMER. Forms large buttery, very compact heads. Best quality and suitable for all seasons. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

MAMMOTH BLACK-SEEDED BUTTER. Enormous heads. Adapted for early and late crops. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.

WAYAHEAD. Very early. Sure-heading and finest quality. Heads very large and solid. Outer leaves light green, inner yellow. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

MAY KING. A new German variety, fine for forcing and outdoors; heads of medium size, yellowish green in color; very early and a fine variety. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

Send for our pamphlet on Lettuce culture. It's free; and it will help you grow better Lettuce.

LETTUCE, continued

BLACK-SEEDED BIG BOSTON. A new variety of great merit. Forms very large, solid heads; crisp and tender; very slow to seed. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

WONDERFUL, or NEW YORK CABBAGE. Outside leaves deep green; heads hard, white, crisp; of fine flavor. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

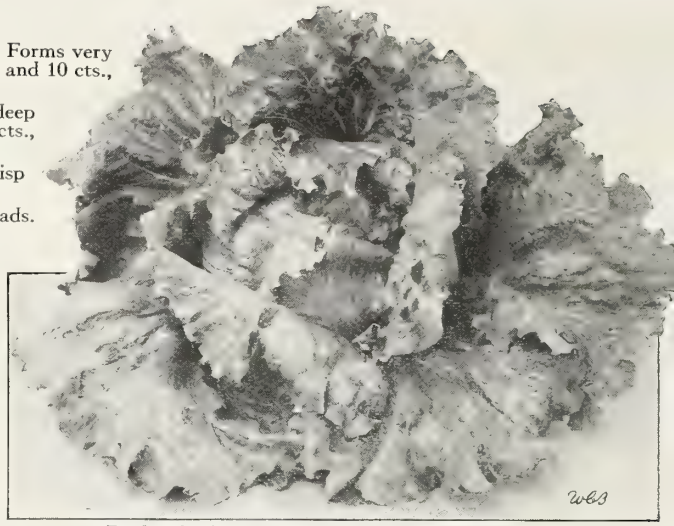
BRITTLE ICE. Heads solid, 6 to 8 inches in diameter. Very crisp and tender. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

BOSTON MARKET. A favorite for forcing. Small, compact heads. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.

ALL-HEART. Forms large and closely set heads with very solid heart. Yellowish green in color. A good heat-resister and of best quality. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

TRIANON, or EARLY WHITE FOLDING. The long, narrow leaves fold into loose, sugar-loaf-shaped heads. These heads should be tied in order to blanch thoroughly. Quality of this Lettuce very superior. Pkts. 5 cts. and 10 cts., oz. 25 cts., ¼lb. 75 cts.

SEND FOR OUR PAMPHLET ON LETTUCE-CULTURE



Beckert's Golden Curled Lettuce (see page 11)

MARTYNIA (Gemsenhorn)

The seed-pods are excellent for pickling if gathered when tender and about half-grown. Sow the seed in May, in rows 3 feet apart, and thin the plants to stand 2 feet apart in rows. Pkts. 5 cts. and 10 cts., oz. 30 cts.

Pamphlet on Melon-Culture free

MUSKMELONS (Muscat Melonen)

Muskmelon seed should not be planted outdoors until the ground has become warm and dry. The hills should be about 6 feet apart, and carefully prepared. Rich earth is far better for the young plants than manure; but, if the latter must be used, see that it is well rotted. Plant from six to twelve seeds in a hill, and when the young seedlings are strong enough to resist the attacks of insects, thin them, leaving three of the strongest in each hill. An ounce of seed will plant about 100 hills.

TIP-TOP. Fruits large, nearly round, well ribbed; skin light green, nearly yellow, and slightly netted when ripe; flesh thick, bright salmon in color, rich, and of delicious flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

ROBINSON'S DELICIOUS GOLD-LINED ROCKY FORD. Slightly oval, no ribs and heavily netted; thick-meated, fine-grained and sweet; green, with a gold margin next to the seed-cavity. Shape and size very uniform. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

ROCKY FORD, or NETTED GEM. Oval-shaped; small and uniform; thick-meated; flesh light green in color and of uniformly fine, luscious flavor; skin ribbed and thickly netted; prolific. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

FORDHOOK. Equal to Emerald Gem in flavor. Best salmon-fleshed melon in existence; roughly netted; flesh very solid, thick, and surprisingly sweet to the very rind. Pkt. 5c., oz. 15c., ¼lb. 40 cts.

HONEY DEW. A new type. No netting. Rind, though thin, is tough. Flesh rich green; very sweet and of delicious flavor. Fruit averages 8 to 10 pounds; 6 to 7 inches in diameter. Pkt. 10 cts., oz. 25 cts.

Rocky Ford Muskmelons

EMERALD GEM. Early; flesh thick and salmon-colored, granular, sweet, and delicious. An old standby. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

BURRELL'S GEM, or DEFENDER. The fruit medium size, being slightly ribbed, and closely netted. Skin dark green and rind thin. Flesh thick and of delicious quality and flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

SURPRISE. Fruits oval, medium to large, ribbed and slightly netted; skin yellow when ripe; flesh deep salmon and of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

BANANA. Fruits fifteen to twenty, shaped like a cucumber, and of a delicious banana-like odor. Flesh thick, salmon color. Matures late. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

EXTRA-EARLY HACKENSACK. Of good size, weighing from five to ten pounds. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

MILLER'S CREAM, or OSAGE. Medium-sized, globe-shaped; very sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PAUL ROSE. Medium-sized; flesh salmon, thick and solid. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PRINCESS. Seed-cavity small; flesh thick, rich salmon, fine-grained, sugary, melting. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CHAMPION MARKET. Of the Netted Gem type, but much larger. Nearly round, well netted. The flesh is thick and light green in color. Always brings top price. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PROLIFIC NUTMEG. Fruit round, about 7 inches in diameter, flattened. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

LONG ISLAND BEAUTY. Fruit large size, flattened, heavily ribbed and netted, early and of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

JENNY LIND. Fruit small, flattened, heavily ribbed and netted. Very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

BUSH MUSKMELON. A true bush variety, of compact growth; can be grown in hills 3 to 4 feet apart. Fruit small, green-fleshed, of good quality. Pkt. 10 cts., oz. 25 cts.

MUSKMELONS FOR FORCING

MANCHESTER. Fruit large and globular; thickly netted; flesh rich salmon, of delicious flavor and aroma. Pkt. 50 cts.

ROYAL SOVEREIGN. Fruit globular, golden yellow in color, netted. Flesh thick and white, slightly tinged green. Rind thin. Attains a weight of 5 pounds and upward. Pkt. 50 cts.

WATERMELONS

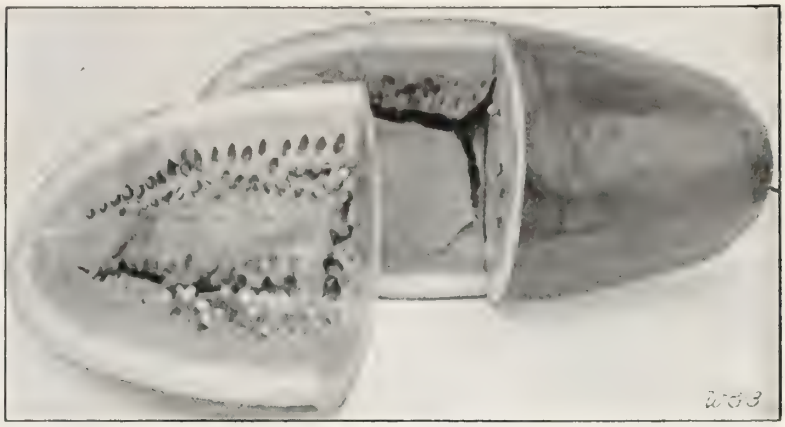
(Wassermelonen)

Secure good, strong vines early in the season by making the hills large, mellow, and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection should be given the young plants, and, as a protection from insects, use dry ashes or coal-dust sprinkled over the leaves. Plant the seeds thickly, and thin the plants to four of the strongest in each hill. An ounce of seed will plant about 50 hills.

EARLY FORDHOOK. Extra early; large, nearly round; skin tough; flesh red and very sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

SWEETHEART. Firm and heavy, crisp, melting, and exceedingly sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

TOM WATSON. Large and long fruit; rind tough; flesh rich red, sweet and tender; vigorous and productive. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.



Tom Watson Watermelon

KLECKLEY SWEETS. Of the very finest quality; large and oblong in size; flesh bright scarlet and free from stringiness. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

HALBERT'S HONEY. Flesh beautiful crimson, very sweet and of superb flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PEERLESS, or ICE-CREAM. Fruit medium size, oval, bright green, finely veined. Flesh bright scarlet, crisp, tender, and sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

WONDERFUL. Large, oblong; flesh rose-colored; very crisp and sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

GRAY MONARCH, or WHITE ICING. Large, long form, flesh deep red and of delicate quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

SEMINOLE. Ripens its large, delicious fruits very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

DIXIE. Early; productive and of fine shipping quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

RED-SEEDED CITRON. Used for preserves, etc. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

MUSHROOM SPAWN

PURE-CULTURE SPAWN. Produced under the new selection method recently discovered. The only method which makes possible the segregation of varieties. Is received absolutely fresh at frequent intervals. This Spawn will produce Mushrooms of a specific variety. Selected with special reference to size, color, and prolificness. We keep on hand the **White, Cream-White, Brown** and **Light Brown.** Each brick weighs from 1¼ to 1½ pounds, and will spawn 8 square feet of bed. Positively the most vigorous and best Spawn on the market.

DIRECT. (The best.) These bricks are inoculated direct from the laboratory without transfer. Per brick 30 cts., 5 bricks $1.35, 10 bricks $2.50, 25 bricks $6, 50 bricks $11.25.

Illustrated book on Mushroom-Culture and Pure-Culture Spawn, 15 cts. per copy, postpaid.
Pamphlet on Mushroom-Culture free

MUSTARD (Senf)

The young and tender leaves of the Mustard are greatly relished as salads, or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring, and the leaves cut when several inches long.

WHITE LONDON. Oz. 5c., ¼lb. 15 cts., lb. 50 cts.

GIANT SOUTHERN CURLED. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Mushroom grown from Pure-Culture Spawn

OKRA

(Safran)

Used for seasoning soups and stews. Sow thickly in rich soil about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. An ounce will plant 100 hills.

WHITE VELVET, or CREOLE. Pods long, smooth. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

LONG-POD. Productive; deep green. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

Long-Pod Okra

ONION SEED

(Zwiebel)

Good Onion Seed is of the Greatest Importance

Onions thrive best on a rich, deep, loamy soil. For sets, the seed should be sown very thickly in drills as early as possible in spring. In summer, as soon as the tops die down, harvest the bulbs and store them in a dry, cool place, spreading them in thin layers. Early in the following spring, replant them 4 inches apart, in small drills 12 inches apart, and they will form fine, large bulbs early in the season. Large Onions may also be grown from seed the first season if the land is strong and well manured, the seed sown thinly in drills a foot apart, and the seedlings thinned to stand 3 to 4 inches apart in the drills. They must be well cultivated and kept free from weeds. Five pounds to the acre will be required for large Onions; for sets, 60 pounds.

YELLOW GLOBE DANVERS. Bulbs of fine shape and good size, while the yield per acre is enormous, averaging from 600 to 800 bushels on good soil and with good culture. Thin, yellow skin and mild, fine-grained, white flesh. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

MICHIGAN, or OHIO GLOBE DANVERS. Bulbs large, small necks; rich orange-yellow; enormous yielder and good keeper. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

SOUTHPORT YELLOW GLOBE. Similar to White Globe, save that the large Onions are light straw-color. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

PRIZETAKER. Bulbs very large, round, and handsome; rich yellow skin and mild, sweet, pure white flesh; quite free from stiff necks; yields enormously. Pkts. 5 cts. and 10 cts., oz. 45 cts., ¼lb. $1.50.

Southport White Globe Onions

GIANT GIBRALTAR. Attains immense size; flat-globular in shape; light straw color; flesh white, tender, and mild. Not a good keeper. Pkt. 10 cts., oz. 75 cts.

FLAT YELLOW DANVERS. Grows to good size; ripens early; mild in flavor and keeps well. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

YELLOW DUTCH, or STRASBURG. Large; yellow; mild flavor. One of the best keepers. Grown largely for sets. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

SOUTHPORT WHITE GLOBE. A large, showy, globular white Onion. The bulb grows quite rapidly, and if the seed is sown early, good-sized bulbs, suitable for using in a green state are soon formed. They are mild-flavored and keep well. Pkt. 10 cts., oz. 45 cts., ¼lb. $1.50.

WHITE PORTUGAL, or SILVERSKIN. Largely grown for sets and for pickling Onions. Bulbs large, with silvery white skin and sweet, tender, white flesh. Are mild flavored and excellent for family use. Pkt. 10 cts., oz. 45 cts., ¼lb. $1.50.

WHITE BUNCH. For using when young, producing large, showy, white Onions of fine quality. Pkt. 10 cts., oz. 45 cts., ¼lb. $1.50.

WHITE WELSH. Distinct; does not form a bulb. Can be sown in the fall for early spring green Onions. Mild and delicate. Pkt. 10 cts., oz. 40 cts.

BERMUDA, WHITE. This is the well-known Onion of Bermuda. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.40.

RED WETHERSFIELD. Bulbs deep purplish red, flat, strong-flavored and grow to a large size. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

SOUTHPORT RED GLOBE. Large red Onion; one of the best keepers; true globe-shape. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

PAMPHLET ON ONION-CULTURE FREE

Improved Hollow Crown Parsnips

ONION SETS. Extra-Selected Stock. (Prices Variable)

	Qt.	Pk.	Bus.
WHITE. For early use	$0 30	$2 25	$9 00
YELLOW DANVERS. Legal bushel 32 lbs.	25	1 75	6 00
YELLOW POTATO ½pk. 80 cts.		1 50	

Parcel-post weight of Onion Sets: Quart, 1 lb.

PARSNIPS (Pastinake)

Sow the seed in drills 15 inches apart, as early as possible in spring, and thin the plants to 5 or 6 inches apart in the rows. Much improved by frost. In winter cover them heavily with manure or litter. An ounce of seed will sow 100 feet of drill; five pounds to an acre.

IMPROVED HOLLOW CROWN. Tender and sweet; always good and in demand. Pkts. 5 cts. and 10 cts., oz.. 25 cts., ¼lb. 75 cts.

LAWN GRASS SEED. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady-Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed and for directions how to make a lawn.

PARSLEY

Much used for garnishing and flavoring soups, stews, etc. The seed is slow to germinate, and should be sown as early as possible, in drills 12 inches apart, thinning plants in rows 4 to 6 inches apart.

DWARF EXTRA-CURLED. Dwarf, with finely curled leaves. Quite decorative, as well as savory; much used for garnishing. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

CHAMPION MOSS-CURLED. Leaves bright green, finely cut and beautifully curled. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

PLAIN-LEAVED. Best for flavoring; very hardy. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

HAMBURG TURNIP-ROOTED HALF-LONG. This sort is early, short and thick; in appearance not unlike a small parsnip. Thin out when young and cultivate like carrots. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

HAMBURG TURNIP-ROOTED LONG. Roots long and slender; rather late. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

Dwarf Extra-Curled Parsley

PEPPER

(Pfeffer)

Sow in hotbeds as early as April, and transplant to rich, warm, mellow soil, as soon as the weather has become warm and settled, setting them about 2 feet apart in drills 3 feet apart. The pods are used in making all sorts of pickles. An ounce of seed will produce 1,000 plants.

Crimson Beauty Pepper

LARGE BELL, or BULL NOSE. Widely grown, standard old variety, with very large, thick pods. Pkts. 5 cts. and 10 cts., oz. 60 cts.

CHINESE GIANT. Of enormous size, early and very productive; fruit bright scarlet and of thick, blocky form; flesh thick and extremely mild. Pkts. 5 cts. and 10 cts., oz. 60 cts.

CRIMSON GIANT. Is a giant Bull Nose, with fruit as large as Chinese Giant, and as prolific as Bull Nose. Flesh exceptionally thick and mild; color deep green and when ripe, deep crimson. Earliest of the large-fruited Peppers. Pkt. 10 cts., oz. 60 cts.

CRIMSON BEAUTY. This is the pimento used extensively in Spain for canning. It is a heart-shaped Pepper of good size, some 3 inches in diameter, always smooth and regular; very thick-meated, sweet, and entirely void of pungency. Pkts. 5 cts. and 10 cts., oz. 60 cts.

RUBY KING GIANT. A large red variety, resembling Bull Nose. Pkts. 5 cts. and 10 cts., oz. 60 cts.

SWEET MOUNTAIN. Enormous mild-flavored pods, used for mango-making and mixing with salads. Pkts. 5c. and 10c., oz. 60c.

NEAPOLITAN. Earlier than any of the above. Fruit of medium size and longer than Ruby King. Pkts. 5 cts. and 10 cts., oz. 50 cts.

ANAHEIM GIANT CHILI. Seven to 9 inches in length, and from 1 to 1¾ inches thick, tapering to a blunt point. When ripe, brilliant scarlet in color. Not a sweet Pepper, and not very pungent. Immensely productive. Pkt. 10 cts., oz. 40 cts.

MAGNUM DULCE. Attains very large size. So mild-flavored that it can be eaten like an apple. Pkt. 10 cts., oz. 60 cts.

LONG RED CAYENNE. Pods long, slender, bright red, very hot. Pkts. 5 cts. and 10 cts., oz. 40 cts.

APPLE-SHAPED. Very thick-fleshed and mild; brilliant red when ripe. Begins to produce early and continues until frost; immensely productive. Pkts. 5 cts. and 10 cts., oz. 40 cts.

RED CHILI. Small, conical, scarlet; pungent. Pkts. 5 cts. and 10 cts., oz. 40 cts.

MAMMOTH GOLDEN QUEEN. Pods large; yellow; similar to Large Bell in shape but milder. Pkts. 5 cts. and 10 cts., oz. 60 cts.

PUMPKIN (Kürbisse)

Grown principally for stock-feeding, yet some are so sweet, juicy and fine-grained that they will always be considered indispensable for pies and sauces. Culture as recommended for melons, but plant hills farther apart. One pound will plant from 200 to 300 hills.

LARGE CHEESE. Rind and flesh orange-colored, and the quality is excellent for cooking purposes. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

MAMMOTH KING. Enormous golden yellow Pumpkin, grown for stock-feeding. Of fine flavor and close-grained. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

SWEET POTATO. Medium-sized, pear-shaped; good for pies, etc. Flesh creamy white; of excellent flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

JAPANESE PIE. Deep green crookneck, with darker stripes; matures early; flesh yellow and of fine quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

SMALL SUGAR. Small, about 10 inches in diameter, flattened or slightly ribbed; sweet; skin deep bronze-yellow. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

MAMMOTH GOLDEN CUSHAW. Skin and flesh orange-yellow, quality fine. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

WHITE CUSHAW. White shell. Pkt. 5c., oz. 10c., ¼lb. 30c.

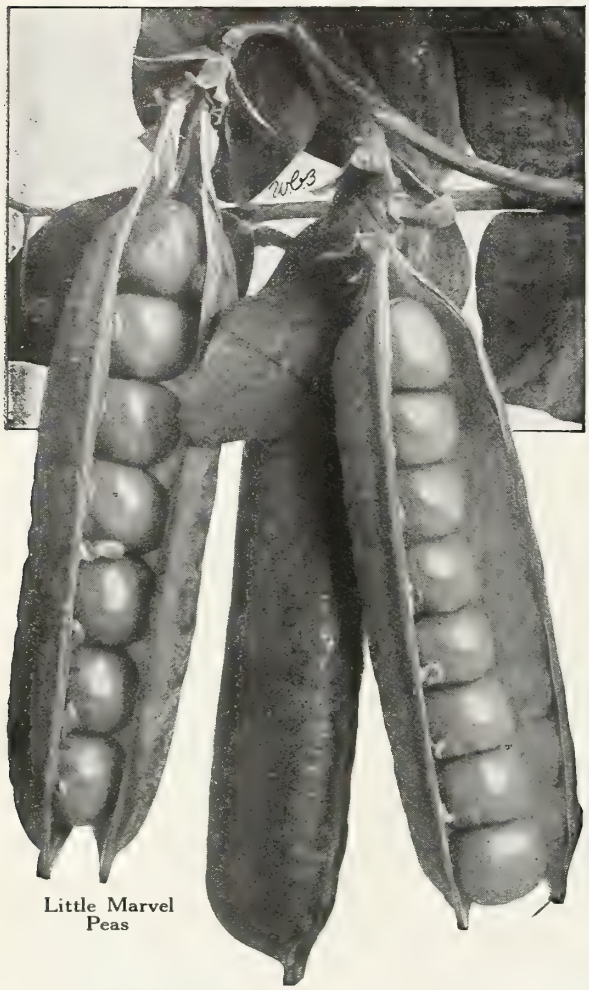
CUSHAW STRIPED. Crookneck. Pkt. 5c., oz. 10c., ¼lb. 35c.

QUAKER PIE. Fruit pear-shaped to oval, skin creamy buff, flesh fine-grained and rich. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

GOLDEN OBLONG. Skin and flesh golden yellow; of good size and finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

WINTER LUXURY, or PIE SQUASH. Round, golden yellow, netted variety; flesh very rich; a fine keeper. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

CONNECTICUT FIELD. The common field Pumpkin. Oz. 5 cts., ¼lb. 15 cts., lb. 50 cts.



Little Marvel Peas

PEAS (Erbsen)

All smooth-seeded Peas, being very hardy, may be planted as early in the spring as the soil can be prepared for them. Sow for the first crop as early as practicable, and for succession at intervals of about two weeks until June. Late sowings, however, do not yield so well as early ones. Sow in drills about 2 to 3 inches deep, and from 2 to 4 feet apart, according to variety, taller sorts requiring more room than dwarf ones. Dwarf Peas require a very rich soil, while taller ones thrive best in rather thin ground. The latter are frequently sown in double rows, with the brush, or support of some kind between them. Wrinkled Peas are not so hardy as the smooth sorts, and should not be sown so early, but are superior in quality, more delicate in flavor, and remain longer in season. One quart will plant about 100 feet of drill.

Wrinkled varieties are marked with a star (*)

SURPRISE. 50 days; 2½ feet. Well-filled pods, 2½ to 3 inches long; Peas tender and sweet. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

MARKET SURPRISE. 65 days. Large-podded, extra-early. Very thrifty and productive. Pods large for an extra-early; well filled; Peas sweet and of fine flavor. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

***LAXTONIAN.** 57 days. Height 15 to 18 inches. The largest podded of the dwarf varieties. Pods 4½ to 5 inches long; dark green in color, and well filled with large Peas of superb quality. Very productive. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

ALASKA. Improved strain. 49 days; 2½ feet. Pods small, but well filled with excellent dark green Peas. Pkt. 10c., pt. 30c., qt. 60c., 2 qts. $1.15.

PROLIFIC MARKET. 54 days. An extra-early variety. Crop uniform and comes in two pickings. One of the most productive of its class; quality excellent. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

PREMIUM GEM. Vines 18 inches high; pods 3½ inches long and borne on both sides of stalk. A heavy yielder and of fine quality. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

WORLD RECORD. 50 days. A new large-podded, extra-early variety of the Gradus type, but smoother, dwarfer, and stouter. Pods as large as Gradus, but a few days earlier. Quality of the finest. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

***LITTLE MARVEL.** 54 days; 15 inches. Bears a profusion of well-filled pods which are 2½ inches long, containing six or seven large Peas; quality fine. Pkt. 10c., pt. 40c., qt. 80c., 2 qts. $1.55.

***SUTTON'S EXCELSIOR.** 54 days. An improvement on Nott's Excelsior; more vigorous in vine; pods larger and well filled. Pkt. 10c., pt. 40c., qt. 80c., 2 qts. $1.55.

***EXTRA-EARLY TELEPHONE.** 52 days; 2½ feet. Combines earliness with the size and quality of the best later sorts. Pods are of the same size and quality as Telephone; ready to pick one week after the earliest. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

***GRADUS, or PROSPERITY.** Of the same type as the preceding. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

***THOS. LAXTON.** 55 days. Pods large; seed wrinkled; sweet, of fine flavor. Pkt. 10c., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

***POTLATCH.** 60 days; 2 feet. A splendid variety. Pods deep green and very large, each containing nine or ten large, deep green Peas, which have a delicious marrowfat flavor. Very productive. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

***DWARF CHAMPION, or JUNO.** 55 days. Of the Champion of England type, but not so tall, attaining a height of about 2 feet. Very productive; large pods and fine quality. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

***BOSTON UNRIVALED, or IMPROVED TELEPHONE.** 65 days. An improved strain of the Telephone, but this variety is more productive and bears larger pods. Pods 4½ inches in length, each containing seven or eight very large Peas. Vines grow 4½ to 5 feet high. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

***ALDERMAN.** 70 days; 3 feet. A choice selection from the Duke of Albany class, but larger in pod, more productive, and of equally fine quality. The Peas are large and of fine flavor. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

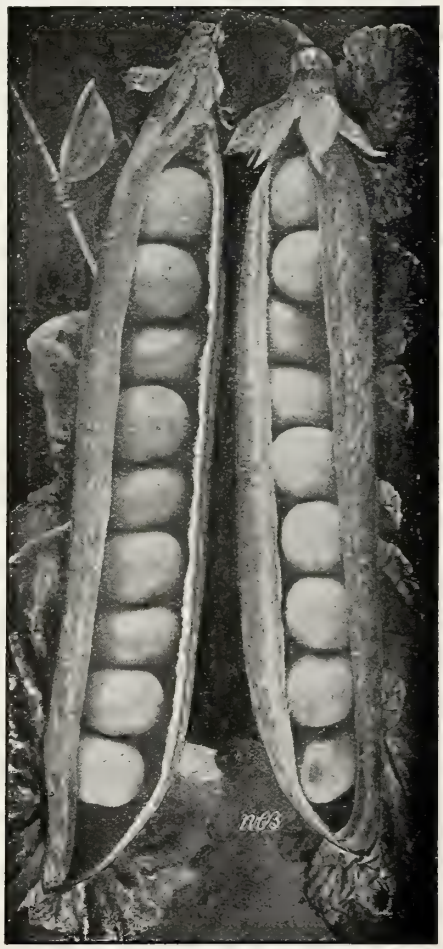
PRODIGIOUS. 68 days; 5 feet. Pods very large, nearly straight, with but slight curve. Deep green in color and produced in pairs, each containing nine or ten Peas of the finest quality. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

***SENATOR.** 65 days; 2½ feet. Pods large, round, and filled with seven to ten large, luscious, wrinkled Peas. Very productive. Pkt. 10 cts., pt. 40 cts., qt. 80 cts., 2 qts. $1.55.

WHITE MARROWFAT. Large and late. Pkt. 10c., pt. 20c., qt. 40c., 2 qts. 75c.

MAMMOTH-PODDED SUGAR. The entire pod is cooked, being sweet, tender, and stringless. Pods 5 to 6 inches long and 1½ inches wide; plant tall; crop late. Pick about the time the Peas form. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 2 qts. $1.15.

Parcel-post weight of Peas: Pint, 1 lb.; quart, 2 lbs.



Extra-Early Telephone Peas

CRISP RADISHES

(Rettig)

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop. An ounce of seed will sow about 75 feet of drill.

EARLY or FORCING

NON PLUS ULTRA IMPROVED. (See front cover.) We offer an extra-fine strain of this popular, early-forcing, and outdoor variety. Bright scarlet; very round and uniform; small tops and small top-roots. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.

DEEP SCARLET, or SCARLET BUTTON. Round, dark red; early and fine forcer. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.

EARLY SCARLET GLOBE. Beautiful scarlet; early, crisp, tender and mild; tops small. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.

CRIMSON GIANT FORCING. Attains more than double the size of the other forcing Radishes without getting pithy. Flesh firm and crisp. Pkts. 5 cts. and 10 cts., oz. 20 cts., ¼lb. 60 cts.

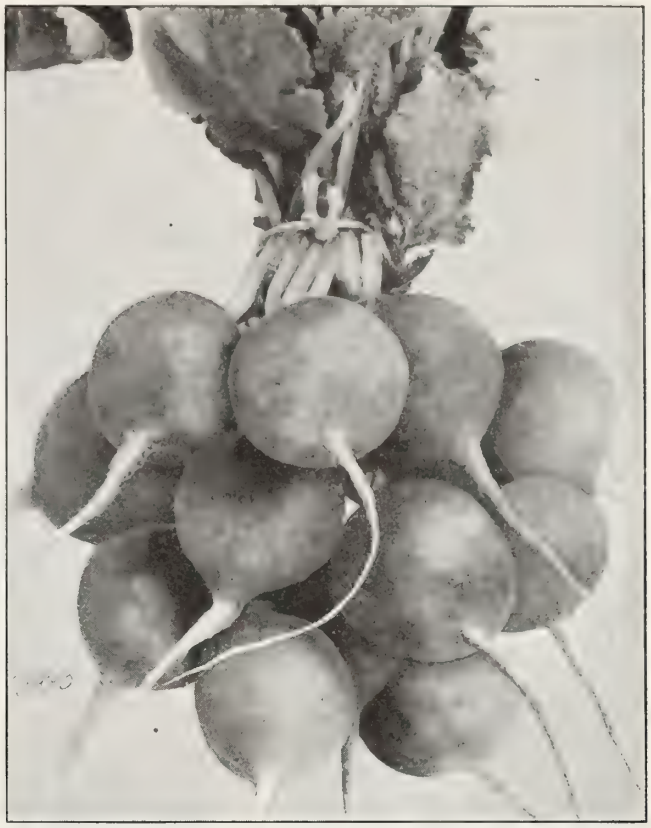
WHITE-TIPPED ROCKET. An improved French breakfast. Olive-shaped; deep rose, tipped white; very early. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

WHITE BOX. Turnip-shaped, pure white Radish; early; fine for forcing and outdoors. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

HALF-LONG DEEP SCARLET (Paris Beauty). Brilliant scarlet; flesh pure white, crisp and juicy, fine forcer. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

CINCINNATI MARKET. Scarlet; small top; very early and probably the best long red variety for forcing and outdoors. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

ICICLE. The finest long white variety extant; flesh semi-transparent, crisp, mild; excellent for forcing and early outdoor crop. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.



Non Plus Ultra Improved Radishes

MAIN-CROP

LONG WHITE VIENNA. Snow-white; flesh crisp, tender, and brittle; of rapid growth. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

BECKERT'S IMPROVED CHARTIER. The finest long variety in existence; early as Long Scarlet Short-Top, but better in quality; will stand far longer; in all respects superior to any other long Radish. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

BECKERT'S CHARTIER TURNIP. Local variety of great merit. Pure white, early, remaining tender and solid for a long time. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

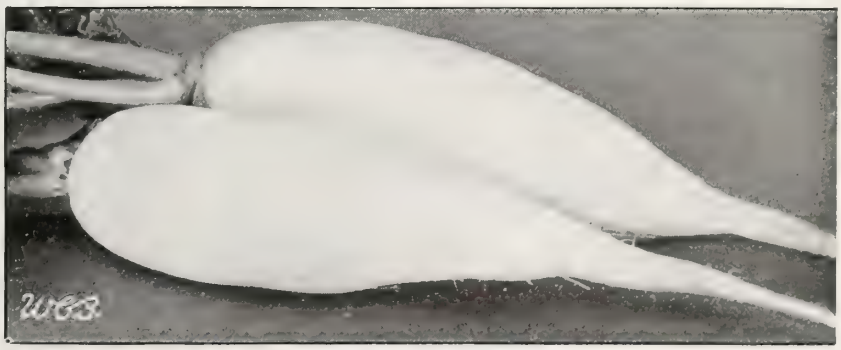
WHITE STRASBURG. Half-long and thick; skin and flesh white. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

GIANT STUTTGART. Very large; globular in shape; pure white; stands heat well. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 50 cts.

OLIVE-SHAPED YELLOW. Remains tender for a long time. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 50 cts.

GOLDEN GLOBE. Russet color; sweet and crisp. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 50 cts.

Beckert's Improved Chartier Radishes



Icicle Radishes

Mammoth Sandwich Island Salsify

WINTER RADISHES

CHINESE ROSE. Half-long; flesh pink, solid, of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

LONG BLACK SPANISH. Roots black; the flesh is white and slightly pungent. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

LONG WHITE SPANISH. Roots 6 inches long and 2½ inches in diameter; white skin and flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

ROUND BLACK SPANISH. Globe-shaped; white-fleshed; piquant flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

CELESTIAL, or WHITE CHINESE. Attains a length of 12 inches and a diameter of 4 to 5 inches. Flesh crisp, mild, and sweet in flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

MUNICH BEER. Half-long shaped; white flesh of fine quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

Sakurajima. A Japanese variety, attaining a monstrous size. Reaches a weight of fifteen pounds. Can be used cooked as a turnip. Requires the whole season for its development. Should be sown in rows and thinned out. Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts.

RHUBARB, or PIE PLANT (Rhabarber)

Sow the seed early and, when the plants are large enough, thin them to 4 or 5 inches apart. The next spring or fall transplant them 3 feet apart each way in deep, rich soil. For forcing, take up some large roots and place them in a dark corner of the cellar or greenhouse.

VICTORIA. Late; stalks thick and large; useful especially to prolong the season. Pkts. 5 cts. and 10 cts., oz. 15 cts., ¼lb. 50 cts.

RHUBARB ROOTS. See Vegetable Plants.

SALSIFY, or OYSTER PLANT (Bocksbart)

When cooked, the roots have something of the flavor and odor of oysters. They may be boiled, used in soups, or grated and fried as fritters. Culture the same as for parsnips and carrots. Roots are perfectly hardy, and may be left in the ground all winter. A quantity of roots for winter use may be stored in a pit or in sand or damp earth in a cellar. An ounce of seed will sow 75 feet of drill.

MAMMOTH SANDWICH ISLAND. Roots large, long, smooth, tender, and well flavored, resembling fair-sized parsnips. Pkts. 5 cts. and 10 cts., oz. 30 cts., ¼lb. $1.

SEA KALE

Grown for its blanched stems, which are prepared like asparagus. Sow in drills 1 inch deep and 2 feet apart; thin out to 6 inches in the rows; the following spring plant in hills 3 feet apart. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25.

SPINACH

(Spinat)

For early use, sow very early in spring, and for succession, at intervals. The main crop for spring and winter use should be sown in September and the plants covered for winter. An ounce of seed will sow 50 feet of drill; 30 pounds to the acre.

LONG SEASON. Stands longer without going to seed than any other; leaves thick, crumpled, tender, and of finest quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

LONG-STANDING THICK-LEAVED. This variety has large, thick, fleshy, crimped leaves of the Savoy style. The leaves are tender and of good flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

VICTORIA. Foliage thick, broad, dark green; remains in prime condition two to three weeks after other sorts have run to seed. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

NORFOLK SAVOY. Hardy and well adapted for winter and early spring. Leaves large and wrinkled like a Savoy cabbage; tender. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

NEW ZEALAND. A distinct variety specially adapted for the summer when other Spinaches are not available. Leaves are thick and fleshy, and are plucked off as required. They are reproduced during the entire summer. Pkt. 5 cts., oz. 15 cts., ¼lb. 55 cts., lb. $2.

Long Standing Spinach

SQUASHES SUMMER AND WINTER (Spies-Kürbiß)

Squash seed should be planted about the same time and in much the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants. An ounce of seed will plant from 20 to 30 hills.

MAMMOTH WHITE BUSH. A large variety of Squash, pure white in color; flesh excellent. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

GOLDEN CUSTARD BUSH. Large, scalloped Squash of rich golden yellow. Quality excellent. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

COCOZELLE. A bush variety. Fruit long, dark green, with stripes of a deeper green; excellent quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

BOSTON MARROW. Well known and popular. Skin and flesh bright orange; of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

GOLDEN HUBBARD. Skin and flesh deep yellow. Very dry and of excellent flavor. Particularly good for pies on account of its bright color. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

HUBBARD. A standard late Squash. Skin dark green; flesh fine-grained, dry, sweet, late-keeping. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

WARTED HUBBARD. Large; dark green. Shell very hardy, covered with warted knobs. Very thick-fleshed, of the finest quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

DELICIOUS. In form and size it somewhat resembles Hubbard. Skin bronzy green, flesh dark orange. Very thick, fine-grained, dry and sweet and of finest flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

GOLDEN BRONZE. Color dark grayish green; weighs 8 to 10 pounds; flesh golden yellow; sweet and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

ESSEX HYBRID, or TURBAN. Hard-shelled. Flesh orange, thick, fine-grained, fine quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

GOLDEN SUMMER CROOKNECK. Early; fruits yellow; flesh fine-grained and rich. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

DELICATA. Orange-yellow, striped green; very early and prolific; small and solid; flesh very dry and of excellent quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

VEGETABLE MARROW. Skin greenish yellow; flesh white. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

TOMATOES (Liebesapfel)

For early use, sow in February or March in hotbeds, or in boxes or pots set in the warm window. When the seedlings are about 2 inches high, transplant them to pots or in rows 4 to 5 inches apart, keeping the temperature at about 60°. Subsequent transplanting will make them branching and stocky, but do not set them in the open ground until all danger from frost is past; then plant them in a warm, sunny place, and water them freely until they are well established. Some support which will keep the fruit above the ground and free from dirt should be given all plants. An ounce of seed will produce about 1,000 plants.

DWARF CHAMPION. Plants compact, stocky, and upright; fruit ripens very early and the plants yield enormously. The fruit is always smooth and handsome. with few seeds, ripening close to the core, and never cracking. Resembles Acme. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

DWARF STONE. Fruit red, large, early; smooth and very prolific. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

JUNE PINK. As early as Earliana, but pink in color; more perfect fruit and extremely productive, and not subject to blight. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

BONNY BEST. Nearly as early as Earliana; color intense scarlet and ripening even up to the stems; round and slightly flattened at the stems. Of good size and uniform. Good for early, medium, and late crop. Pkts. 5 cts. and 10 cts., oz. 40 cts., ¼lb. $1.50.

SPARKS' EARLIANA. Very early; medium size, handsome shape and beautiful red; solid and of fine quality. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

EARLY DETROIT. A large and early purplish pink Tomato. Fruits smooth, uniform and nearly globe-shaped. Quality excellent. Pkts. 5 cts. and 10 cts., oz. 40 cts., ¼lb. $1.50.

JOHN BAER. An extra-early scarlet variety. Fruit very round, smooth, firm, and of excellent quality. Pkt. 10 cts., oz. 45 cts., ¼lb. $1.50.

GLOBE. Fruit globe-shaped, very early large-sized, smooth, and firm-fleshed; very productive; glossy rose, tinged with purple; quality excellent. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

THE STONE. Large, smooth fruits of bright scarlet; solid and meaty. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

TOMATOES, continued

BEAUTY. Glossy crimson; large, smooth, solid, never cracking; holds its size well. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

PONDEROSA. Enormous and of fine quality, but not always smooth and does not ripen evenly. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75.

TRUCKERS' FAVORITE. Deep purple; large and deep through; smooth and regular. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

MATCHLESS. Fruit large, rich cardinal-red; skin tough; flesh very solid. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

CHALK'S JEWEL. Fruit large, bright red, smooth and solid; medium early. Pkts. 5 cts. and 10 cts., oz 35 cts., ¼lb. $1.25.

GREATER BALTIMORE. Second-early. Fruit large; bright red. Produced in clusters. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

ROCK RED. Fruit large, very smooth, solid, and bright red; very meaty and free from core. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

DWARF GIANT, or DWARF PONDEROSA. Fruit very large; purple-crimson; contains few seeds. Pkt. 10 cts., oz. 45 cts., ¼lb. $1.50.

BUCKEYE STATE. Large, flat, and broad. Fruits bright red, very smooth and solid. Pkts. 5 cts. and 10 cts., oz. 40 cts., ¼lb. $1.50.

MANYFOLD. Early, large, bright red variety. Long bearing. Very productive and fine quality. Pkt. 15 cts., ½oz. 50 cts.

SUCCESS. One of the best late sorts for market-gardeners and canners. Bright scarlet. Ripens a little later than Stone. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

CORELESS. Of large size; very productive and free from hard, green core; rich red in color. Pkts. 5c. and 10c., oz. 35c., ¼lb. $1.25.

DUKE OF YORK. Recommended for the South, but has proven excellent in this section. Fruit very large, even, smooth, and solid. Color rich glossy crimson. Medium late. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.50.

HUMMER. Bright scarlet; of good size. Quite early and of fine quality. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

CRIMSON CUSHION. Scarlet-crimson; flesh firm, meaty, of fine quality. Pkt. 10 cts., oz. 45 cts., ¼lb. $1.50.

IMPERIAL, or ACME. Large, purple, smooth, and early. Pkts. 5 cts. and 10 cts., oz. 35 cts., ¼lb. $1.25.

YELLOW PONDEROSA. Similar to Ponderosa; color a rich, golden yellow. Pkt. 10 cts., oz. 45 cts., ¼lb. $1.50.

Bonny Best Tomato (see page 19)

FORCING TOMATOES

BEST OF ALL. Of medium size; intense red. Few seeds; produced in clusters. Pkt. 10 cts., oz. 50 cts.

STIRLING CASTLE. Fruit of medium size; bright red. Pkt. 10 cts., oz. 50 cts.

SMALL-FRUITED TOMATOES

Used principally for preserving All 5 cts. and 10 cts. per pkt., oz. 35 cts.

Yellow Plum, Yellow Pear, Red Pear, Yellow Cherry, Red Currant, Yellow Peach, Red Peach, Red Cherry, Red Plum, Golden Husk, Purple Husk.

Purple or Red-Top Globe Turnips

TURNIPS (Rüben)

For early, sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight, until the last week in July, and from that time onward until the last of August sow for main crop. The sowing should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants. An ounce of seed will sow 150 feet of drill; two pounds will sow an acre.

WHITE-FLESHED SORTS

EXTRA-EARLY WHITE MILAN. Very early; of fine quality. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts.

EXTRA-EARLY PURPLE-TOP MILAN. Like the preceding except in color. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts.

WHITE EGG. Handsome oval-shaped; tender flesh. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

PURPLE-TOP STRAP-LEAF. Grown largely for fall and winter crops. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

PURPLE, or RED-TOP GLOBE. Remarkable for its heavy yield per acre. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

LARGE WHITE GLOBE. Skin is pure white. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

GOLDEN BALL. Yellow-fleshed, sweet, and of fine flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

COW HORN. White, fine-grained, sweet flesh. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

YELLOW ABERDEEN. Round, yellow-fleshed, and firm. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

SEVEN TOP. Tops used as greens; roots of no value. Pkt. 5 cts., oz. 10 cts.

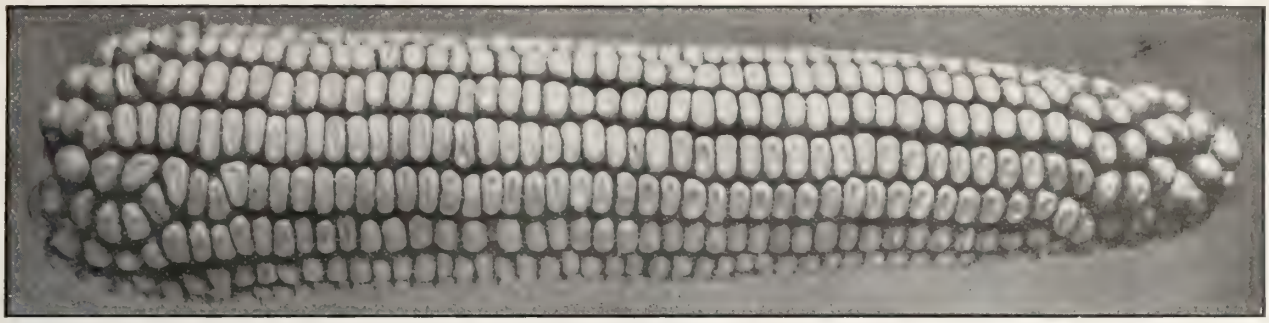
RUTABAGAS, or SWEDES

These are grown chiefly for stock, but are excellent for cooking in spring.

IMPROVED AMERICAN. Large, firm, yellow roots; are hardy and well flavored. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

SWEET GERMAN. Large, white; fine quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts., lb. $1.60.

PAMPHLET ON TOMATO-CULTURE FREE



VEGETABLE PLANTS AND ROOTS

Those desiring large quantities should write for special prices

ASPARAGUS ROOTS. Strong, **5-year-old roots** for forcing. $4 for 25, $7.75 for 50, $15 per 100.

Palmetto, Selected 2-year-old roots, 35 cts. for 25, 60 cts. for 50, $1 per 100, $4.25 for 500, $8 per 1,000. **3-year-old roots,** 60 cts. for 25, $1 for 50, $1.75 per 100, $7.50 for 500, $14 per 1,000.

RHUBARB ROOTS. 15 cts. each, by mail 20 cts.; $1.25 per doz., $7 per 100.

Mammoth Clumps for Forcing. $1 each, $10 per doz.

CHICORY ROOTS, Witloof. For forcing. $2.50 for 25, $4.25 for 50, $8 per 100.

CHIVES. Per clump 15 cts., by mail 20 cts.; $1.25 per doz.

HORSE-RADISH ROOTS, Maliner Kren. A new variety from Bohemia. Far superior to the old variety. Will produce roots for grating five months from planting. White as snow, free from disease and grows to enormous size when left in the ground until spring. The most profitable variety to grow. 15 cts. per doz., by mail 20 cts.; 90 cts. per 100, $8 per 1,000.

THE FOLLOWING PLANTS, ALL IN THEIR SEASON. Beets, Brussels Sprouts, Cabbage, Cauliflower, Celery, Celeriac, Eggplant, Endive, Kohlrabi, Leek, Lettuce, Pepper, Tomato. Ask for prices.

MISCELLANEOUS SEEDS

PRICES VARIABLE. All 2-bushel cotton sacks used in shipments are charged at cost price, 35 cts. to 40 cts.

PEDIGREE FIELD CORN SEED

Thoroughbred, hand-picked stock. Tipped and butted before shelling and of the highest germination. Write for samples.

Reid's Yellow Dent. One of the best varieties grown. Ears 9 to 10 inches long, sixteen to twenty rows; kernels light yellow, deeply dented; cobs medium size. Yields 85 to 100 bushels to the acre. Matures in about 110 days. Qt. 25 cts., pk. 90 cts., bus. $3.50. Cotton sacks extra.

Improved Leaming. Extensively grown. Kernels rich, golden, glossy yellow; ears uniform, medium to large, well filled from tip to butt; grains square and deep; ears 8½ to 11 inches long, 7½ to 8½ inches in circumference, sixteen to twenty-four rows. Matures in 90 days. Qt. 25 cts., pk. 90 cts., bus. $3.50. Cotton sacks extra.

Big Whiskey. Large-yielding variety. Rich golden yellow grains; cob medium size and grains deep. Rich in feeding value, and will mature anywhere in the Corn-belt. Qt. 25 cts., pk. 90 cts., bus. $3.50. Cotton sacks extra.

White-Cap Yellow Dent. Never fails to ripen; ears large; deep kernels, with a color-tip to each kernel. Qt. 25 cts., pk. 90 cts., bus. $3.50. Cotton sacks extra.

OTHER MISCELLANEOUS SEEDS

BEANS, Early Soja. Market price.

BUCKWHEAT, Japanese. Pk. 85 cts., bus. $3.

CORN, Red-Cob Ensilage, Cuban Giant Ensilage, Eureka Ensilage. Market prices.

OATS, Montana-Grown, Early Newmarket. An unsurpassed new line of English pedigree Oats. Of very vigorous growth, with late and strong straw. Very early and producing heavy crops of large plump Oats with very thin heads. Bus. (32 lbs.) $1.50.

Swedish, or **Washington.** Earliest of the heavy-yielding sorts; grains white, large, and plump. Very prolific. Pk. 40 cts., bus. (32 lbs.) $1.50.

OTHER MISCELLANEOUS SEEDS, continued

Oats, Clydesdale. The heaviest Oats grown. Our stock is grown from imported seed, and will produce a heavier grade of Oats than other varieties. Very productive; grains large and plump. Straw strong and heavy. Bus. (32 lbs.) $1.50.

BARLEY, Beardless, Northern-Grown. Earlier than any other Barley, and a heavier yielder. Write for prices.

FETERITA. Planted and cultivated same as Kaffir Corn. Is earlier and more drought-resisting. Write for prices.

POP CORN, White Rice, Golden Queen. Pkt. 10 cts., qt. 25 cts.

FLAX SEED. Write for prices.

MILLET, Southern German, or **Golden.** Write for prices.
Japanese. Write for prices.

PEAS, Canada Field. Write for prices.

RAPE, Dwarf Essex. Lb. 25 cts., 10 lbs. $2, 100 lbs. $18.

RYE, Winter. Prices variable.
Spring. Prices variable.

SORGHUM, Early Amber. Market price.

KAFFIR CORN, White. Market price.

COWPEAS, Clay, Whippoorwill. Market price.

SUDAN GRASS. A new grass, yielding immense quantities of hay of nutritious quality. Recommended especially for central and southern states. Lb. 35 cts., 10 lbs. $3.

SPELTZ, or EMMER. A grain introduced from Russia, adapted to poor and dry soils. Has valuable feeding qualities. Qt. 10 cts., pk. 70 cts., bus. $2.50.

VETCHES, Sand, Winter or **Hairy.** Best fodder crop on poor soil. On good soil makes a growth of 4 to 5 feet. Remains green all winter. Suitable for spring and fall sowing. Write for prices.

Spring (*Vicia sativa*). Grown for the same purpose as Winter Vetches; sow in the early spring. Write for prices.

WHEAT, Klondyke, Red Wave. Write for prices.

LAWN GRASS SEED.—If you desire a perfect lawn, use our Evergreen Lawn Seed. For shady places use our Shady Nook Lawn Seed. Both kinds, if sown early in spring under proper conditions, will produce a good lawn by midsummer

NORTHERN-GROWN SEED POTATOES

(Kartoffeln) **Prices subject to change**

Our Potatoes are all choice northern-grown stock, grown especially for seed. We send out no Potatoes in spring before danger of frost is past.

Prices on Seed Potatoes at date of issue of this catalogue are unsettled, and as there is no certainty whether prices will prevail or depreciate, we can make no prices to base sales on. Intending purchasers will please send us list of their requirements in Seed Potatoes and we will then in due time quote best market prices.

The Bovee. Early as any Potato yet introduced. In competitive trials with other early sorts it has outyielded them all. Vine dwarf and stocky; tubers grow very close together in the hills.

Country Gentleman. Resembles Beauty of Hebron, but ripens later and yields better crops.

Carman No. 3. A very popular and reliable late variety. Large, oblong, slightly flattened.

Early Ohio. Leading early Potato; tubers rough in the skin; nearly round, and quite distinct in appearance; cook dry and mealy.

Early Six Weeks. Of the Ohio class; extra early and of good quality while still young.

Early White Albino. This new early Potato is a good cropper. The skin and flesh are extremely white, of exceptionally good cooking quality, and very prolific; fully as early as the old Early Rose in maturing.

Green Mountain, Improved. It has all the good qualities of Green Mountain, except it is a trifle whiter in color and the skin is more netted. It grows round to oblong, somewhat flattened; eyes shallow. Stubby and does not grow very long. Soon after the stalks appear will make a vigorous, rapid growth, set a large number in the hill and mature to the best marketable size a few days earlier than its parent.

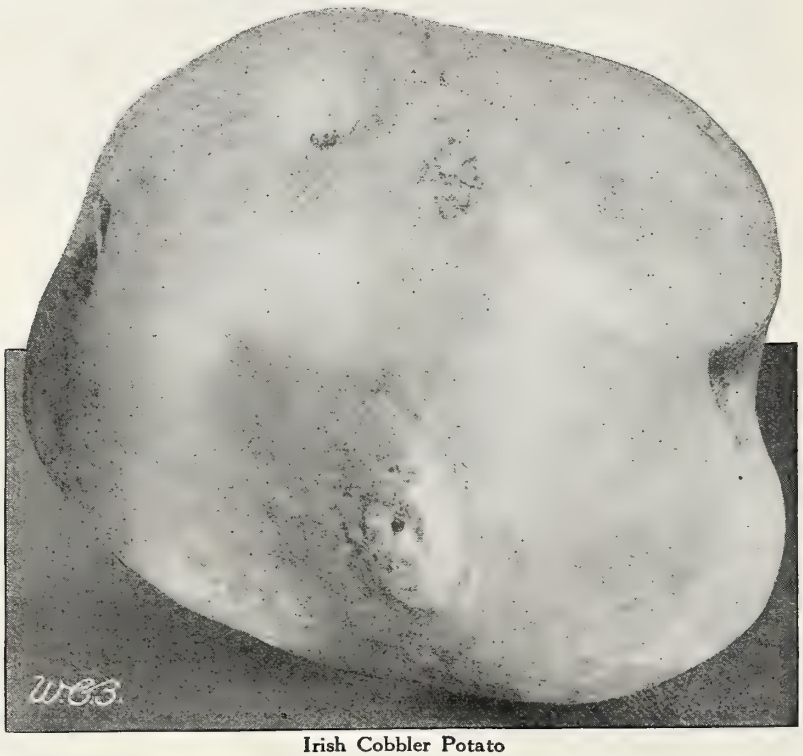
Irish Cobbler. Good all-round, extra-early Potato; uniform, productive and fine quality.

Restaurant. A heavy yielder for the main crop; hard to surpass. It you wish to raise a heavy crop of large, handsome Potatoes, this is a good one to plant.

Rochester Rose. An improvement on Early Rose. Larger in size, fully as early and a heavy yielder.

Snow (White). It is a vigorous grower, ripens uniformly, is a good keeper and is fast becoming one of the most popular medium-late Potatoes.

Rural New Yorker. Midseason; large; heavy yielder.



Irish Cobbler Potato

SWEET POTATOES

Nansemond, or **Yellow Jersey.** The leading variety. Owing to their perishable nature, we cannot keep them in stock, but supply orders booked in advance.

HYBRIDIZED POTATO SEED

This seed will produce numerous new varieties. Some of them may prove of great value and bring you a golden harvest. Easy to grow. Full directions on each packet. Pkt. 15 cts., 2 for 25 cts., 5 for 50 cts.

SWEET AND MEDICINAL HERBS

Used for various culinary and medicinal purposes. Sow seeds of the perennials, marked thus (*), carefully in hotbeds early in the spring, and at the proper time transplant in permanent beds, in rows about 18 inches apart, setting the plants a foot apart in the row. In the winter they should be slightly protected with manure. The others are annuals, coming to perfection the first year, after which they die. Sow them in the open air, early in the spring, in drills 12 to 15 inches apart, and thin out.

All varieties, 5 cts. per packet

Anise. For flavoring and in medicine.
Angelica. Has medical virtues.
Asperula odorata. Fragrant leaves.
Balm. Made into balm tea for fevers.
Bene. Leaves make a mucilaginous drink.
Borage. A pot-herb and for bees.
Basil, Sweet. For soups and stews.
Burnet. For salads and soups.
Caraway. Seeds are used in cakes, etc.
Chervil, Curled. For soups and salads.
Chamomile. Used for tea.
Chives.* Used for garnishing.
Coriander. Seeds used in confectionery.
Cumin. For seasoning.
Dill. Used for pickling. Oz. 15 cts.
Elecampane. Has tonic properties.
Fennel.* Used for pickling and sauces.
Fennel, Florence. Resembles celery in flavor.
Henbane. Has medicinal qualities.
Hop Seed.
Horehound.* Valuable for medicine.
Hyssop. Used in asthma and catarrh.
Lavender. Used in perfume.
Lovage. Medicinal.
Marjoram, Sweet. Used for seasoning.
Marjoram, Pot. Used for seasoning.
Pennyroyal.* The true Pennyroyal.
Rosemary.* Aromatic and ornamental.
Rue.* Used for medicinal purposes.
Saffron. Used for coloring soups, etc.
Sage.* Used for flavoring.
Savory, Summer. For flavoring.
Savoy, Winter. Used for flavoring.
Thyme. For sauces and dressings.
Thyme, Winter. Used for flavoring.
Wormwood. Medicinal.

HIGHEST-GRADE GRASS SEEDS

Prices of Grass Seed fluctuate; rates here given are for those ruling at this date. For Grass Seed wanted by mail, add postage at your parcel-post zone rate. Write for special prices on large quantities

We sell only the highest grade of Grass Seed produced; of most other Grass Seeds here offered there are various grades on the market – as many as five grades of some varieties. The weight of the best grades of Grass Seed is in some cases double the weight of lower grades of seed, consequently there is a corresponding difference in value and cost. We shall be pleased to submit samples.

Grasses marked with an asterisk ( ) are imported from Europe and, owing to the present embargo on same, there is no probability that we will be able to secure any stock for the season 1918. Prospective buyers, however, can later on write us, as in the event of the embargo being raised, we will be able to supply.

Crested Dog's-Tail (*Cynosurus cristatus*). Valuable for pasture on hard, dry soils. Bus. 21 lbs. Lb. 45 cts., 10 lbs. $3.70, 100 lbs. $35.

Italian Rye (*Lolium Italicum*). Thrives in any soil, and yields abundant crops. Bus. 22 lbs. Lb. 25 cts., 10 lbs. $1.70, 100 lbs. $15.

Perennial Rye (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels to the acre. Bus. 22 lbs. Lb. 25 cts., 10 lbs. $1.70, 100 lbs. $15.

Kentucky Blue (*Poa pratensis*). Sow in fall or spring at the rate of two to three bushels per acre. Our seed is free from chaff and may be sown almost as easily as timothy. Extra-fancy quality. Lb. 35 cts., bus. of 14 lbs. $3.90, 100 lbs. $27.

Lawn Grass, Beckert's Evergreen. See third cover page. Bus. of 24 lbs. $5, bus. of 14 lbs. $3.

Meadow Fescue (*Festuca pratensis*). Valuable for mixtures for permanent pastures. Write for prices.

Orchard (*Dactylis glomerata*). Rapid in growth and yields a large aftermath; earlier than other Grasses. Choicest grade. Lb. 40 cts., bus. of 14 lbs. $4.25, 100 lbs. $29.

Red-Top (*Agrostis vulgaris*). Very suitable for pasture on low ground. **Fancy,** lb. 30 cts., bus. of 32 lbs. $6.40, 10 lbs. $2.20, 100 lbs. $20.

Red-Top, Choice. Lb. 20 cts., 10 lbs. $1.70, bus. of 14 lbs. $2.10, 100 lbs. $15.

Red or Creeping Fescue (*Festuca rubra*). Very suitable for sandy or dry, impoverished soil, gravelly banks or bleak hillsides; withstands extreme drought. Bus. 14 lbs. Lb. 60 cts., 10 lbs. $4.80, 100 lbs. $46.

Timothy (*Phleum pratense*). Leading grass for hay. 45 lbs. to bushel. Best grades only. Market price.

Yellow Oat Grass (*Avena flavescens*). Adapted for sowing in mixture with other grasses for dry meadows and postures. Lb. 90 cts.

***Creeping Bent.**	***Sweet Vernal.**
***Fine-leaved Fescue.**	***Sheep's Fescue.**
***Hard Fescue.**	***Tall Meadow Fescue.**
***Meadow Foxtail.**	***Tall Meadow Oat.**
***Rhode Island Bent.**	***Various-leaved Fescue.**
***Rough-stalked Meadow.**	***Wood Meadow.**

CLOVER SEED (Highest Grades Only)

For Inoculating Clover and Legumes, see Farmogerm, page 56

Alsike (*Trifolium hybridum*). Fine for pasturage or for ensilage. Lb. 30 cts., bus. of 60 lbs. market price.

Alfalfa (*Medicago sativa*). Will bear cutting three or four times during the season. Best clover for bringing up poor land. Lb. 25 cts., bus. of 60 lbs. market price.

CLOVER SEED, continued

Bokhara Sweet Clover (*Melilotus alba*). Very valuable for soiling. Grows to a height of 3½ to 5 feet. Grown on rich soil, it can be cut as many as three times a season. Good for ensilage and bees. Will last two years if cut before it blooms. Lb. 25c., 25 to 100 lbs. market price.

Crimson (*Trifolium incarnatum*). Very productive; greedily eaten by cattle. Lb. 20 cts., bus. of 60 lbs. market price.

Mammoth Red (*Trifolium pratense perenne*). Best grade. Bus. of 60 lbs. market price.

60 Red (*Trifolium pratense*). Best grade. Best grown. Bus. of 60 lbs. market price.

White Dutch (*Trifolium repens*). Very scarce. The best variety for lawns, as it forms a close herbage and remains green throughout the season. **Fancy Grade,** lb. 65 cts., 10 lbs. $6.30.

White Dutch Clover

SPECIAL GRASS SEED MIXTURES

For Permanent Hay Crops and Pastures

These mixtures are a combination of the most suitable grasses and clovers, the proportionate quantities of each being determined by the nature of the soil where they are to be sown, the situation and the purpose intended for. A blend of the most suitable grasses and clovers both for hay and pasture produces larger and more satisfactory crops than when only one or two varieties are sown, and will continue producing good crops for years.

PERMANENT MIXTURES FOR HAY

For Medium Land. 2 bus. to the acre. Bus. of 21 lbs. $4.25.
For Dry Land. 2 bus. to the acre. Bus. of 20 lbs. $4.75.
For Heavy, Wet Land. 2 bus. to the acre. Bus. of 21 lbs. $4.25.

PERMANENT MIXTURES FOR PASTURE

For Medium Land. 2 bus. to the acre. Bus. of 21 lbs. $4.50.
For Dry Land. 2 bus. to the acre. Bus. of 20 lbs. $5.
For Heavy, Wet Land. 2 bus. to the acre. Bus. of 21 lbs. $4.75.

These mixtures can be sown either in spring or fall

USEFUL BOOKS

GENERAL

Farm Crops. By C. W. Burkett $1 50
Weeds of the Farm and Garden. By L. H. Pammel . . 1 50

IRRIGATION AND DRAINAGE

Farm Drainage. By Judge French. 1 00
Land Draining. By Manly Miles 1 00

CATTLE AND DAIRYING

American Cattle Doctor. By George H. Dadd 2 00
Clean Milk. By S. D. Belcher, M.D. 1 00
Profitable Dairying. By C. L. Peck 75
Profitable Stock Raising. By Clarence A. Shamel . . . 1 50
The Business of Dairying. By C. B. Lane 1 25

LANDSCAPE GARDENING AND FORESTRY

Landscape Gardening. By F. A. Waugh 75
Ornamental Gardening for America. By Elias A. Long . 1 50
The Landscape Beautiful. By F. A. Waugh. 2 00

INSECTS AND PLANT DISEASES

Fumigation Methods. By Willis G. Johnson 1 00
Insects and Insecticides. By C. M. Weed 1 50
Insects Injurious to Vegetables. By F. H. Chittenden . 1 50
Spraying Crops. By C. M. Weed 60
Treat's Injurious Insects of the Farm and Garden. By Mrs. Mary Treat 1 50

FARM SCIENCE

Bommer's Method of Making Manures. By Bommer . . 1 00
Farm Appliances 60
Farm Conveniences 1 00
Farm Development. By Willet M. Hays 1 50
Farm Manures. By Charles E. Thorne 1 50
Fences, Gates, and Bridges 60
Fertilizers and Crops. By Dr. L. L. Van Slyke 2 50
First Principles of Feeding Farm Animals. By C. W. Burkett 1 50
First Principles of Soil Fertility. By Alfred Vivian . . 1 00
How Crops Feed. By Prof. Samuel W. Johnson. 1 50
How Crops Grow. By Prof. Samuel W. Johnson 1 50
How to Make a Country Place. By J. D. Sawyer . . . 3 00
Our Farm of Four Acres and the Money We Made by it. 30
Plant Life on the Farm. By M. T. Masters 1 00
Soiling Crops and the Silo. By Prof. Thomas Shaw . . . 1 50
Soils. By C. W. Burkett 1 25
Soils and Crops. By Hunt and Burkett 1 50
The Soil of the Farm. By John Scott and J. C. Morton . 1 00
The Study of Corn. By Prof. V. M. Shoesmith 60

HORSES AND THEIR CARE

Dadd's Modern Horse Doctor. By George H. Dadd . . 1 00
Management and Breeding of Horses. By M. W. Harper. 2 00
Youatt and Spooner on the Horse. By Hon. Henry S. Randall 1 00

POULTRY, BEES AND PETS

Making Poultry Pay. By Edwin C. Powell 1 00
Poultry Diseases. By E. T. Wortley 75
Poultry Feeding and Fattening. By G. B. Fiske 60
Profits in Poultry. 1 00
Quimby's New Bee-Keeping. By L. C. Root 1 00
The New Egg Farm. By H. H. Stoddard 1 00

SHEEP AND SWINE

Coburn's Swine Husbandry. By F. D. Coburn. $1 50
Diseases of Swine. By R. A. Craig 75
Home Pork Making. By A. W. Fulton 50
The Management and Feeding of Sheep. By Thos. Shaw. 2 00

FARM CROPS

Alfalfa. By F. D. Coburn 50
Clovers and How to Grow Them. By Prof. Thomas Shaw. 1 00
Farm Grasses of the United States of America. By William Jasper Spillman 1 00
Forage Crops Other than Grasses. By Prof. Shaw . . . 1 00
Silos, Ensilage, and Silage. By Manly Miles 60
Tobacco Leaf. By J. B. Killebrew and Herbert Myrick . . 2 00
Wheat Culture. By D. S. Curtis 50

FRUIT CROPS

American Grape Growing and Wine Making. By George Husmann 1 50
Grape Culturist. By A. S. Fuller 1 50
Pear Culture for Profit. By P. T. Quinn 1 00
Plums and Plum Culture. By Prof. F. A. Waugh 1 50
Quince Culture. By W. W. Meech 1 00
Small Fruit Culturist. By Andrew S. Fuller 1 00
Strawberry Culturist. By Andrew S. Fuller 25
Successful Fruit Culture. By Samuel T. Maynard . . . 1 00
The American Apple Orchard. By F. A. Waugh. 1 00
The American Peach Orchard. By F. A. Waugh 1 00
The Fruit Garden. By P. Barry 1 50
The Practical Fruit Grower. By S. T. Maynard 60

VEGETABLE CROPS

Asparagus. By F. M. Hexamer 60
Bean Culture. By Glenn C. Sevey 60
Cabbage and Cauliflower. By C. L. Allen 60
Celery Culture. By W. R. Beattie 60
Culinary Herbs. By M. G. Kains. 75
Melon Culture. By J. Troop 60
Mushrooms: How to Grow Them. By William Falconer . 1 00
Peas and Pea-Culture. By G. C. Sevey 50
Sweet Corn. By A. E. Wilkinson 75
Sweet Potato Culture. By F. M. Hexamer 60
The Book of Corn. By Herbert Myrick 1 50
The Home Vegetable Garden. By Adolph Kruhm . . . 1 00
The New Onion Culture. By T. Greiner 60
The New Rhubarb Culture. By J. E. Morse 60
The Potato. By Samuel Fraser 75
Tomato Culture. By Will W. Tracy 60
Vegetable Gardening. By R. L. Watts 1 75

FLORICULTURE

Bulbs and Tuberous-rooted Plants. By C. L. Allen . . 1 50
Greenhouse Construction. By L. R. Taft. 1 50
Greenhouse Management. By L. R. Taft 1 50
Home Floriculture. By Eben E. Rexford 1 00
Parsons on the Rose. By Samuel B. Parsons 1 00
The Chrysanthemum. By A. Herrington 60
The Propagation of Plants. By Andrew S. Fuller 1 50
The Window Flower Garden. By Julius J. Heinrich . . 50

BUILDINGS AND CONVENIENCES

Barn Plans and Outbuildings 1 00
Cottage House. By S. B. Reed 1 00
Farm Appliances 60
Homes for Home Builders. By W. B. King 1 00
Modern House Plans for Everybody. By S. B. Reed . 1 00
Poultry Appliances and Handicraft. By G. B. Fiske . 60

Select Flower Seeds

In the following pages we offer a **carefully chosen** list of **Flower Seeds,** in which no want of the flower-garden has been neglected, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.

PLEASE USE THE ORDER SHEET that is inclosed in catalogue; by so doing, the filling of orders is speeded, and the chance of errors lessened. The complete index will contribute to an easy and rapid selection of seeds wanted.

Explanation of Abbreviations Used in the Descriptions

HARDY ANNUALS, HA. These should be sown outside in April or May, according to season, latitude, and condition of soil; or they may be sown at a somewhat earlier date in a hotbed or greenhouse, the combining of the two methods being advisable, thereby providing for a succession of plantings if both sowings prosper. Seed sown under glass will also produce earlier-blooming plants than seed sown outdoors. The soil should be rather light and rich, and for outdoor sowing it must be thoroughly dug up, well raked and leveled. The coarser seeds are to be covered to once or twice their thickness, while very fine seeds are merely to be pressed into the soil. All sowing should be firmed with a board or the hand, as this hastens the germination of the seed as well as promotes its regularity. For indoor sowing, use shallow boxes of several inches in depth, and of a size to suit. Careful attention is required as soon as the seed is sprouted that seedlings may not suffer for lack of moisture, and of air if grown indoors.

HALF-HARDY ANNUALS, HHA, HALF-HARDY BIENNIALS, HHB, and HALF-HARDY PERENNIALS, HHP. These may be sown indoors, as above directed, from March to May, and outdoors after the middle of May. Many of the Biennials and Perennials will bloom the first season if sown early.

HARDY BIENNIALS, HB, and HARDY PERENNIALS, HP, can be sown outdoors as soon as the soil is in good tillable condition. If sown early indoors, many of them will bloom the first season. Sowings made from July to September will produce well-established plants for the next season. These should be somewhat protected during the winter. Many seeds of Hardy Biennials and Hardy Perennials are of very slow germination, and seeds of such should not be condemned as bad if a quick germination does not show.

TENDER ANNUALS, TA, TENDER BIENNIALS, TB, and TENDER PERENNIALS, TP, can be sown in March in the greenhouse or in hotbeds in shallow boxes. Transplant to secure sturdy plants, which can then be planted outdoors after danger of frost is over, about May 15.

HHA, HHB, and **HHP** designate Half-Hardy Annuals, Biennials and Perennials.

HB and **HP** designate Hardy Biennials and Perennials.

TA and **TP** designate Tender Annuals and Perennials.

Any species or variety to which no letters are affixed are to be considered as Hardy Annuals.

ALL FLOWER SEEDS IN PKTS., BY THE OZ., OR ¼LB., ARE SENT POSTPAID AT CATALOGUE PRICES

ABUTILON (Flowering Maple) TP

Valuable house-plants, as well as suitable for the garden. If sown early, they will bloom the first season, and plants may be lifted in fall and they will flower throughout the winter.

Hybridum maximum. Giant-flowering. 3 to 4 inches across. Flowers upright, not pendent as in the old varieties. Colors range from cream to golden yellow, white to rose, and many intermediate tints. Pkt. 25 cts.

ACACIA TP

Greenhouse shrub. Very handsome, ornamental foliage and showy racemes of flowers.

Baileyana. Long sprays of yellow flowers. Fine for cutting. Pkt. 15 cts.

Dealbata. Golden yellow sweet-scented flowers. Silvery fern-like foliage. Pkt. 15 cts.

ACHILLEA, The Pearl. HP. The double, pure-white-flowered variety; easily grown from seed, and flowers the first season if sown early. In flower from spring to late autumn. Pkt. 25 cts.

ACONITUM Napellus (Monkshood). **HP.** Hardy, herbaceous perennials related to the larkspurs. If sown early, they will usually flower the first year, but flowers are at their best the second year. Thrives well in shady places. Dark blue. Pkt. 10 cts., ¼oz. 50 cts.

ADENOPHORA Potanini. HP. Large, bell-shaped, drooping, beautiful light blue flowers. Grows 1½ feet high. Pkt. 15 cts.

ADLUMIA cirrhosa (Allegheny Vine, or Mountain Fringe). **HB.** A handsome, rapid-growing vine with pink flowers. Pkt. 15 cts.

ADONIS

Neat, low-growing plants of the easiest culture; fine in masses and are continuous bloomers.

Æstivalis (Pheasant's Eye). Bright scarlet. Pkt. 5 cts., ¼oz. 15 cts.

Vernalis (Ox-Eye). **HP.** Large, yellow, starry flowers. Pkt. 5 cts., ¼oz., 35 cts.

AGATHÆA cœlestis (Blue Daisy). **TP.** A very pretty blue Marguerite with yellow center. Free-flowering and a good bedder. Pkt. 15 cts.

AGERATUM HHA

Extensively used for borders, ribbon lines, etc. Blooms the entire summer. Sow early for best results.

Blue Perfection. Dwarf; large, deep blue flowers; fine foliage; fine for edging flower-beds or walks. Pkt. 10c., ¼oz. 35 cts.

Little Blue Star. Dwarf—4 to 6 inches; suitable for edging; numerous light blue flowers. Pkt. 25 cts.

Little Dorrit, Azure-Blue. Dwarf and spreading in habit. Pkt. 5 cts., ¼oz., 25 cts.

Little Dorrit, Pure White. Similar to preceding, except color. Pkt. 5 cts., ¼oz. 25 cts.

Ageratum, Blue Perfection

Princess Victoria Louise. Dwarf and compact habit; flowers blue with white center. Pkt. 10 cts., ¼oz. 35 cts.

AGROSTEMMA

Cœli-rosa fimbriata (Rose of Heaven). Rose-colored. Very free flowering from July to September; nice for cutting. Pkt. 5 cts., ¼oz. 20 cts.

Coronaria atrosanguinea (Mullein Pink). **HP.** Deep blood-red. Pkt. 5 cts., ¼oz. 25 cts.

AMPELOPSIS Veitchii (Boston Ivy). **HP.** A very elegant hardy vine, attaching itself to stone, brick or woodwork. The beautiful foliage acquires rich autumn tints. Pkt. 10 cts., oz. 25 cts.

ANTIRRHINUM (Snapdragon) HHP

These bloom the first season if sown early, and make a fine display during the entire season. About 80 per cent of the seedlings come true to color. They form showy beds, whilst the tall varieties form elegant and showy masses of color in the border. The dwarf varieties are suitable for edging and are nice as pot-plants.

Giant Antirrhinum

GRANDIFLORUM VARIETIES. These grow to a height of 2 to 2½ feet.

Giant Daybreak-Pink
Giant Garnet
Giant Pink
Giant Rose
Giant Salmon-Pink
Giant Scarlet
Giant Striped
Giant White
Giant Yellow

Each of the above, pkt. 10 cts., ¼oz. 30 cts.; Giant Mixed, pkt. 10 cts., ¼oz. 25 cts.

Giant Silver-Pink. A new variety. Spikes long and produced in abundance. Pkt. 25 cts.

Oakledge Favorite Giant Pink. Firm salmon-pink flowers of immense size and strong odor; vigorous in habit and very free bloomer; fine for winter blooming. Pkt. 50 cts.

Oakledge Favorite Giant Pink, White-throated and White-tubed. Tall and vigorous grower; flowers of immense size; fine deep pink color and produced in great abundance; fine for winter blooming. Pkt. 50 cts.

Large-flowering Semi-Dwarf Varieties. This class grows about half the height of the preceding.
Daphne. Soft blush-pink.
Defiance. Orange-red.
Firebrand. Rich deep red.
Golden Queen. Rich yellow.
Mont Blanc. Pure white.
Rose Queen. Rich rose.

Each of the above, pkt. 10 cts., ¼oz. 30 cts.; Finest Mixed, pkt. 10 cts., ¼oz. 25 cts.

AMARANTHUS TA

Tender, decorative annuals useful for border plants, centers of beds and among shrubbery. They are strong growers and should have 2 to 3 feet space for each plant. Height 2 to 3 feet.

Brilliant. Bright red, tips of branches carmine-rose, red and yellow. Pkt. 10 cts.

Caudatus (Love-Lies-Bleeding). Blood-red; drooping racemes. Pkt. 5 cts., ¼oz. 20 cts.

Tricolor splendens gigantea (Joseph's Coat). Foliage scarlet, yellow and green. Pkt. 10 cts., ¼oz. 35 cts.

ANEMONE (Windflower) HP

Lovely flowers in many shades of scarlet, blue, purple and white; flowers 2 inches and over in diameter, durable, elegant for cutting.

Double Chrysanthemum-flowered. Beautiful flowers in fine mixture. Pkt. 10 cts.

St. Brigid. Produces double and semi-double flowers in a wonderful array of colors. Pkt. 10 cts.

LAWN GRASS SEED. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady-Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed and for directions how to make a lawn.

ALYSSUM

Annuals and perennials that are favorites for cutting for bouquets, as well as for edging, boxes, baskets, etc.

Alyssum Benthamii

Benthamii (Sweet Alyssum). Small, white, honey-scented flowers. Pkt. 5 cts., oz. 30 cts.

Benthamii compactum, Little Gem. Compact, erect-flowering variety; white. 4 to 6 inches. Pkt. 5 cts., oz. 40 cts.

Benthamii procumbens, White Carpet or **Dwarf Bouquet.** Only a few inches high; of a spreading habit. Pkt. 10 cts., ¼oz. 25 cts.

Lilac Queen. Pure lilac; plants dwarf, compact, and of upright growth. Pkt. 10 cts., ¼oz. 25 cts.

Saxatile citrinum compactum. HP. Dwarf and bushy; masses of pale yellow flowers in spring. 1 foot. Pkt. 5 cts., ¼oz. 35 cts.

ANCHUSA Italica, Dropmore Variety. HP. A great improvement on the type. Vigorous, branching habit; large, blue flowers in abundance during June and July. Pkt. 15 cts., ¼oz. 50 cts.

AQUILEGIA (Columbine) HP

Are general favorites for borders. They will also do well under the shade of trees. They are among the earliest-flowering perennials and are very easily grown. Many seedlings vary from the type, but all are beautiful. 1½ to 2 feet is their average height.

Long-Spurred Hybrids. This strain comprises many new, beautiful and pleasing shades and combinations, and most effective and striking contrasts in the individual flowers, ranging through all shades of lavender, blue, mauve, white, yellow, orange, scarlet, and bright rose-pink. Plants are vigorous and stately in growth, producing abundantly large and elegantly shaped flowers with long spurs, borne well above the pale green foliage. Pkt. 25 cts., ⅛oz. 75 cts.

Cærulea (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful. Pkt. 10 cts., ⅛oz. 30 cts.

Cærulea hybrida Haylodgensis. Flowers large and long-spurred, and of many beautiful colors. Pkt. 25 cts.

Cærulea hybrida, Rose Queen. Beautiful rose shades with white center. Pkt. 25 cts.

Californica hybrida. Mostly with golden petals; sepals and long spurs orange-crimson. Pkt. 15 cts., ⅛oz. 50 cts.

Chrysantha. Large, long-spurred, golden yellow flowers; splendid. Pkt. 15 cts., ⅛oz. 50 cts.

Chrysantha grandiflora alba. Very large and long, pure white flowers. Pkt. 15 cts., ⅛oz. 50 cts.

Chrysantha fl.-pl. Flowers large and double, and beautiful golden yellow in color. Pkt. 25 cts.

Vulgaris fl.-pl. Double varieties mixed. Give an abundant supply of odd and pretty flowers. Pkt. 5 cts., ¼oz. 25 cts.

ARABIS alpina grandiflora superba. HP. Very free, spring-flowering plant, with verbena-like heads of snow-white flowers. 3 feet. Pkt. 15 cts., ⅛oz. 50 cts.

Long-spurred Aquilegia

ASTERS, CHINA HHA

Asters now rival the chrysanthemums in form and colors, and are the leading cut-flower from midsummer until the appearance of the chrysanthemum. They delight in rich, moist soil, and, for the largest and finest-colored flowers, frequent rains or waterings are required. For successional flowers sow seed from March to June. We offer the best strains and varieties.

Aster, Semple's or American Branching, Shell-Pink

QUEEN OF THE MARKET. One of the most popular varieties, being extra early. Flowers of good size and substance, and borne on long stems. July. 1 foot. Each, pkt. 10 cts., ⅛oz. 30 cts.

Crimson	**Lavender-Blue**	**Rose-Pink**
Deep Scarlet	**Pink**	**Seal-Red**
Dark Blue	**Pure White**	**Finest Mixed**

CREGO'S GIANT COMET. A splendid strain of the Comet type. The plant is of sturdy growth, attaining a he ght of 2 feet and over, well branched, with strong stems. Flowers fluffy and graceful, 4 to 5 inches in diameter. August and September. Each, pkt. 10 cts., ⅛oz. 40 cts.; Mixed, pkt. 10 cts., ⅛oz. 35 cts.

Azure-Blue	**Lavender**	**Purple**	
Rose-Pink	**Shell-Pink**	**White**	**Mixed**

DAYBREAK TYPE. The plants of this very popular variety are strong, compact growers and very profuse bloomers. Flowers borne upright on long, stiff stems. Season August. Height 18 inches. Each, pkt. 10 cts., ⅛oz. 50 cts.; Mixed, pkt. 10 cts., ⅛oz. 40 cts.

Blue	**Rose-Pink**	
Lavender	**Salmon-Pink**	
Purity. White	**Shell-Pink**	**Mixed**

INVINCIBLE, or CARLSON EARLY BRANCHING. Possesses all the desirable qualities of the late branching Asters, but comes into bloom about ten days earlier. Each, pkt. 10 cts., ⅛oz. 40 cts.; Mixed, ⅛oz. 30 cts.

Crimson	**Light Blue**	**Purple**	**Finest Mixed**
Dark Blue	**Light Rose-Pink**	**White**	

SEMPLE'S, or AMERICAN BRANCHING. A fine, late strain, brought to a high standard by careful selection, with large flowers. Excellent cut-flower variety. 2 to 2½ feet. September. Each, pkt. 10 cts., ⅛oz. 35 cts.; Mixed, pkt. 10 cts., ⅛oz. 30 cts.

Crimson	**Lavender**	**Pure White**
Dark Purple	**Azure-Blue**	**Shell-Pink**
Deep Rose-Pink	**Light Rose-Pink**	**Finest Mixed**

CRIMSON GIANT BRANCHING. Of upright growth; flowers very large and double, 5 inches and over in diameter; one stem 15 to 18 inches long. Pkt. 10 cts., ⅛oz. 50 cts.

PEERLESS PINK BRANCHING. Beautiful shell-pink, resembling Mary Semple. It is, however, more double, the center being filled with a thick whorl. Pkt. 10 cts., ⅛oz. 50 cts.

Red Sensation. Intensely red, being a dark rich garnet or ox-blood; branching habit; flowers 3 inches in diameter, borne freely on stems 12 inches long. Pkt. 10 cts., ⅛oz. 50 cts.

Royal Aster. One of the best of the earliest varieties, following Queen of the Market. Flower-stems free from laterals, start from the plant close to the ground. Flowers large, handsome, and abundant. **Lavender, Purple, Rose-Pink, Shell-Pink,** and **White.** Each, pkt. 10 cts., ⅛oz. 50 cts.; Mixed, pkt. 10 cts., ⅛oz. 40 cts.

Astermum. Flowers much resemble chrysanthemums; of immense size, often attaining a diameter of 5 inches and over. Plants 2 feet in height, producing ten to fifteen flowers on long, stately stems. August. **Lavender, Rose-Pink,** and **White.** Each, pkt. 10 cts., ⅛oz. 50 cts.; Mixed, pkt. 10 cts., ⅛oz. 40 cts.

PINK ENCHANTRESS. Flowers soft delicate pink; always full-double, petals of medium length and very broad. Plant upright in habit and of very vigorous growth; stems long, strong and graceful. Midseason. Pkt. 10 cts., ⅛oz. 50 cts.

KING ASTERS. A distinct type, vigorous in growth, with long, stiff stems and flowers of the largest size; petals more or less quilled, giving the large flowers a bold and striking appearance. August to October. Each, pkt. 10 cts., ⅛oz. 50 cts.; Mixed, pkt. 10 cts., ⅛oz. 40 cts.

Crimson King. Rich, dark.	**Violet King.** Violet-purple.
Pink King. Shell-pink.	**White King.** Very large.
Rose King. Brilliant rose.	**Finest Mixed.**

Lawn Grass Seed.

If you desire a perfect lawn, use our Evergreen Lawn Seed. For SHADY PLACES sow our Shady-Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed and for directions how to make a lawn.

Aster, Crego's Giant Comet, White

ASTERS, continued

VICTORIA. Large, showy flowers, perfectly double; petals overlapping regularly, forming a very showy bloom; habit pyramidal; excellent for cutting. August, September. 1½ feet. Each, pkt. 10c., ⅛oz. 60 cts.; Mixed, pkt. 10 cts., ⅛oz. 50 cts.

Miss Roosevelt. Buff-yellow, center deeper yellow.
Pink Beauty. A lovely shade of pink.
Blush Queen. Beautiful delicate salmon-blush.

Dark Blood-Red	**Fiery Scarlet**	**Carmine-Pink**
Dark Blue	**Peach Blossom**	**Pure White**
Azure-Blue	**Crimson**	**Finest Mixed**

ASTER, PERENNIAL (Michælmas Daisies). Single-flowering, hardy, herbaceous plants; large-flowering.
Finest Mixed. Pkt. 10 cts., ⅛oz. 30 cts.

ARCTOTIS grandis. TA. Very bushy and free-flowering; pure white, many-petaled flowers, with colored stamens forming a lavender center, surrounded by narrow zone; under side of petals lilac. Pkt. 10 cts., ¼oz. 30 cts.

ASPARAGUS TP

Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.

Plumosus nanus. Beautiful, fern-like sprays of foliage. Pkt. 25 cts., 100 seeds $1.
Sprengeri. Makes a beautiful basket and useful for cutting. Pkt. 10 cts., 50 seeds 30 cts., 100 seeds 50 cts.
Hatcheri. Of the Plumosus type. Growth strong and symmetrical; fronds closely set on the stalk. Pkt. 25 cts., 100 seeds $1.50.

AUBRETIA. HP. New large-flowering hybrids. Flowers of largest size and in many shades of crimson, purple, light blue, pink, and lilac. Perpetual bloomers. Pkt. 25 cts.

BALSAM (Lady's Slipper)

Give brilliant masses of beautiful flowers for little care. Plants about 2 feet in height; transplanting dwarfs them and renders the flowers more double.

Balsam

Double White Perfection. Pure white; large and full to the center. Pkt. 10c., ⅛oz. 30 cts.
Prince Bismarck. Very double salmon-pink. Pkt. 10 cts., ⅛oz. 30 cts.
Camellia-flowered. Very large, double and perfect flowers, camellia-like in form. In many colors, mixed. Pkt. 5c., ¼oz. 25 cts., oz. 75 cts.

BEGONIA TP

The many improvements in this family now permit their use for almost any desired end. The Semperflorens and Gracilis varieties are excellent bedding plants, are equally valuable as pot-plants for decorative purposes and afford nice sprays for cut-flowers. Some of the varieties form very charming plants for baskets, etc.

Semperflorens Erfordia grandiflora superba. Plants very compact and bushy, and densely covered with delicate pink flowers. Foliage glossy. Pkt. 50 cts.
Semperflorens Erfordia. A popular variety, with handsome dark foliage and rose-carmine flowers. 1 foot. Pkt. 25 cts.
Semperflorens Gromanii. A sport from Begonia Vernon, but a great improvement. Flowers bright red and always come true to color. Makes a fine bedding plant and is useful for border around geraniums, etc. Also can be grown as a Christmas-flowering pot-plant, the beautiful red flowers making a fine showing at Christmas time. Foliage bronze-green. Pkt. 50 cts.
Semperflorens, Anna Regina. Flower-buds beautiful dark carmine; flowers bright carmine, shading to rose. Foliage brilliant dark green with metallic luster and carmine-crimson edge. Very floriferous. Pkt. 25 cts.

Bellis perennis monstrosa

BEGONIA, continued

Semperflorens, Salmon Queen. New. Large, salmon-colored blooms; dark foliage. Pkt. 25 cts.
Semperflorens, Vernon. Dark green foliage, shaded bronzy red; flowers deep, glowing rose; branching habit and fine for pots or bedding. 1 foot. Pkt. 10 cts.
Semperflorens, Dwarf Vernon. Forms a small, round plant, covered continually with brilliant red flowers; foliage deep, brownish red. Pkt. 25 cts.
Gracilis, White Pearl. The pure white flowers measure quite 2½ to 3 inches across and appear in large clusters well above the bright green foliage. Pkt. 25 cts.
Gracilis luminosa. Fiery dark scarlet; foliage satiny dark brown; superb; fine for winter flowering. Pkt. 25 cts.
Gracilis Rosea. Handsome flower of a delicate rose color. Pkt. 25c.
Hybrida Pendula. The pretty drooping branches are thickly covered with loosely double flowers, ranging in color from light rose to carmine and salmon. They present a very striking effect when used in hanging baskets. Pkt. 25 cts.

BALLOON VINE (Cardiospermum). A rapid-growing annual climber. White flowers, succeeded by balloon-like seed vessels. 10 to 15 feet. Pkt. 5 cts., oz. 25 cts.

BELLIS PERENNIS (English Daisy) HP

Do well in almost any soil preferring a partially shaded position. Flower from early spring until early fall and may then be divided and held in frames for following season's planting. Height 5 to 6 inches.

The Bride. New giant-flowered white. Very double flowers on long, straight stems; early and free. Pkt. 15 cts., ⅛oz. 50 cts.
Giant Longfellow. Large, double, rose-colored flowers. Pkt. 10 cts., ⅛oz. 40 cts.
Giant Snowball. Large; perfect double; white. Pkt. 10 cts., ⅛oz. 40 cts.
Monstrosa. These produce flowers of enormous size, frequently attaining the size of a large zinnia. Very double and borne on long and rigid stems.
Monstrosa, White, Pink, and **Dark Red.** Each, pkt. 20 cts., ⅛oz. 75 cts.
Mixed Colors. Pkt. 15 cts., ⅛oz. 65 cts.

BETA (Ornamental-Leaved Beet) TB

For edging or border plants.

Brazilian, Golden, Crimson, and **Rose Shades Mixed.** Fine border plants; very showy; entire leaf-stalk and midrib intensely colored; very attractive. 2 feet. Each, pkt. 10 cts., oz. 25 cts.

BRACHYCOME iberidifolia (Swan River Daisy). **HHA.** Blue, white and rose-colored flowers with blackish disk surrounded by narrow, white halo. 1 foot. All colors mixed, pkt. 5 cts., ¼oz. 25c.

BROWALLIA speciosa major. TA. Fine for a pot-plant, hanging-baskets, or vases, also for the border. Beautiful ultramarine-blue. Pkt. 25 cts.

CACALIA coccinea (Tassel-flower, or Ladies' Paint Brush). **HA.** An old-time favorite for the border. Flowers orange-scarlet and very nice for cutting. 1½ feet. Pkt. 5 cts., ¼oz. 25 cts.

Campanula calycanthema

CALCEOLARIA (Slipperwort) TP

These are mainly gorgeous greenhouse flowering plants. Their peculiar form and the brilliant colors of their flowers make them distinctly attractive.

Prize Strain. Exceedingly rich colors. Perfect form and fine substance. Pkt. 50 cts.

Monarch Strain. Unsurpassed for quality and excellence, comprising a wide range of brilliant colors from palest sulphur to deepest blood-red. Exquisitely marbled and spotted. Also many self colors. Pkt. $1.

Cotswold Hybrids. One of the finest Hybrids. Vary in color from golden yellow and lemon-yellow to brown. Sometimes lightly spotted. Pkt. 75 cts.

CALENDULA (Pot Marigold)

Very showy and thrifty plants, particularly adapted for dry and poor soils, although they thrive in any sunny location. Extremely showy from late summer until cut down by frost. 1 to 1½ feet.

Favorite. Light sulphur-yellow petals, striped creamy white. Pkt. 5 cts., oz. 30 cts.

Meteor. Double; yellow, striped with orange. Pkt. 5 cts., oz. 25c.

Prince of Orange. A very dark Meteor; large, double, yellow flowers. Pkt. 5 cts., oz. 25 cts.

Pure Gold. Very large, double flowers of golden yellow; semi-dwarf; a splendid variety. Pkt. 5 cts., oz. 30 cts.

Mixed Varieties. Pkt. 5 cts., oz. 25 cts.

CALLIOPSIS (Bright Eyes)

Very attractive, free-flowering plants of the easiest culture, thriving in any ordinary soil. The new hybrids are very showy and flowers range in color from bright yellow to deep old-gold shades and from blood-red to deep brown. Quite commonly two distinct colors are seen on one plant and even in one blossom. Height 6 in. to 2½ feet.

Crimson King. Plant from 6 to 8 inches high, covered with a mass of glowing, dark crimson flowers. Splendid for bedding or as a pot-plant. Pkt. 5 cts., ¼oz. 25 cts.

Drummondii, Golden Wave. Bright yellow flowers with brown eyes. Pkt. 5 cts., ¼oz. 20 cts.

Hybrida superba. A beautiful strain; quite bushy in habit, some medium, others tall. Colors are very bright and attractive, many individual plants having flowers of two different colors; in size, blossoms vary from small to large. 1 to 2 ft. Pkt. 5 cts., ¼oz. 30 cts.

CALLIRHOE involucrata. HP. Very showy, large, crimson flowers; trailing habit. Pkt. 5 cts., ¼oz. 25 cts.

CAMPANULA (Bellflower)

A family containing many beautiful border plants, several varieties beautiful as pot-plants. Mainly hardy biennials and perennials.

Calycanthema (Cup-and-Saucer). **HB.** Delightful in form and colors, and elegant subjects for the garden or for pot culture. 2 to 2½ feet. Blue, Rose, Striped, White, Mauve, and Lavender. Each, pkt. 10 cts., ⅛oz. 40 cts. Mixed, pkt. 10 cts., ⅛oz. 30 cts.

Calycanthema, Double Variegated. In consequence of doubling, the flowers seem to be formed of three corols chased into each other. Flowers show all tints of white and pink, striped with violet or blue. Flowers very lasting. Pkt. 25 cts.

Calycanthema, Godfrey's Superb Lavender. Flowers large and perfect, of superior substance; fine delicate color. Pkt. 25 cts.

Medium (Canterbury Bell). **HB.** Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A proportion of seedlings will vary from color, while some single flowers will be found among the double-flowered seedlings. 2 to 2½ feet.

Medium, Single. Blue, Lilac, Rose, White, Striped, and Mauve. Each, pkt. 5 cts., ¼oz. 35 cts.; Mixed, pkt. 5 cts., ¼oz. 30 cts.

Medium, Double. Blue, Lilac, Rose, and Striped Mixed. Pkt. 10 cts., ¼oz. 50 cts.

Carpatica (Harebell). **HB.** Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. 1 foot. White, blue and violet mixed. Pkt. 10 cts., ⅛oz. 25 cts.

Pyramidalis (Chimney Bellflower). **HP.** Stately plants with stems 4 to 5 feet high; fine for borders or as large, decorative pot-plants; large, broad, tubular flowers. Finest mixture of blue and white. Pkt. 5 cts., ⅛oz. 25 cts.

Persicifolia grandiflora (Peach Bells). **HP.** Flowers extra large and cup-shaped. Elegant for pot-plants as well as for the border. 2 ft.

Persicifolia grandiflora, Single Blue. Pkt. 15 cts., ⅛oz. 50 cts.

Persicifolia grandiflora, Single White. Pkt. 15 cts., ⅛oz. 50 cts.

Persicifolia Pfitzeri. Extra large; double; blue. Pkt. 25 cts., ⅛oz. 75 cts.

Persicifolia Moerheimi. Extra large; double; white. Pkt. 25 cts., ⅛oz. 75 cts.

CANDYTUFT (Iberis)

Valuable for masses, edging and prized for cutting; free-flowering.

Giant Hyacinth-flowered, or **Empress.** Very fine, large heads of pure white flowers. 1 foot. Pkt. 10 cts., oz. 40 cts.

Dwarf Hybrids. Large spikes of flowers, valuable for cutting or as a border plant; fine mixed colors of carmine, flesh, lilac, and purple. 6 inches. Pkt. 10 cts., oz. 50 cts.

Carminea. Brilliant carmine. Pkt. 10 cts., oz. 50 cts.

Rose-Cardinal. Dark pink. Pkt. 10 cts., ¼oz. 25 cts.

Lavender. Pkt. 5 cts., oz. 30 cts.

Crimson. Pkt. 5 cts., oz. 30 cts.

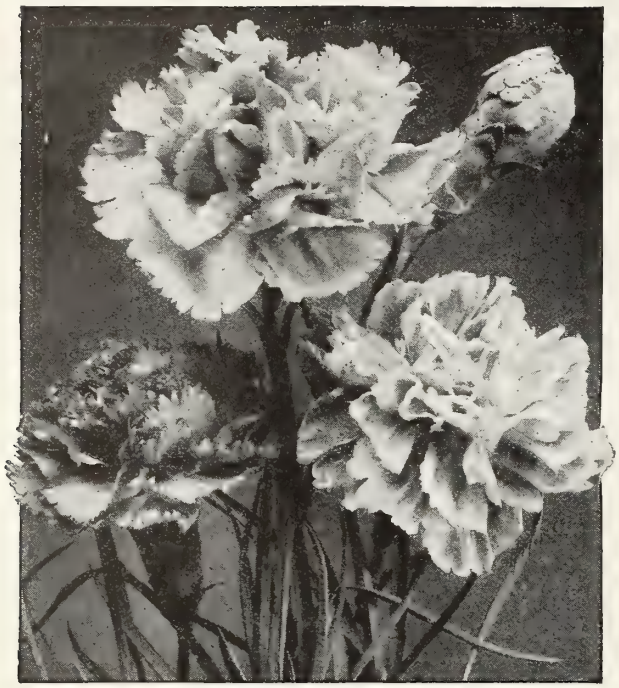
Mixed. All colors. Pkt. 5 cts., oz. 25 cts.

Gibraltarica Hybrids. HB. A dwarf, compact form with purple and white flowers. 1 foot. Pkt. 10 cts., ⅛oz. 40 cts.

Sempervirens. HB. Evergreen, glossy foliage; flowers white. Pkt. 10 cts., ⅛oz. 40 cts.

CANARY CREEPER (*Tropæolum Canariense*). Canary-Bird Flower. Very elegant vine for trellis or vases; bright yellow flowers; neat foliage. 10 to 15 feet. Pkt. 5 cts., oz. 25 cts.

Candytuft, Empress



Marguerite Carnations

CARNATION (*Dianthus Caryophyllus*) HP

These, while belonging to the hardy perennials, may nearly all be flowered the first season by sowing early. Seedlings possess great vigor and, as a rule, produce more flowers than plants from cuttings.

Giant Marguerite, or **Malmaison.** Early flowering; seed sown in February will flower in June. Fine for cut-flowers. Splendid mixture from largest flowers. Pkt. 10 cts., ⅛oz. 35 cts.

Marguerite, Half-Dwarf. Valuable cut-flower varieties; sweet-scented and bloom from July to frost from February-sown seed. Flowers large, with rich colors. 1 foot.

White, Deep Crimson, Dark Red, Scarlet, and **Yellow.** Each, pkt. 10 cts.; Mixed, pkt. 10 cts., ⅛oz. 30 cts.

Chabaud's Everblooming. Produces a high percentage of double flowers, blooming five to six months after sowing. Pkt. 25 cts.

Canna (Indian Shot) HHP

Indispensable in the garden for flowering and foliage effects. The dwarf French varieties are free and may also be grown as pot-plants. Seeds should be soaked 12 to 24 hours in warm water before sowing, or notched with file or knife; heat is essential to germination.

Crozy's Grand Hybrids. Finest mixture of the dwarf French varieties. 3 to 4 feet. Pkt. 5 cts., oz. 25 cts.

Rainbow Mixture. An extra-select strain. Pkt. 5 cts., oz. 30 cts.

CARDINAL CLIMBER. A brilliant and beautiful annual climber. Strong and rapid grower, attaining a height of 30 feet or more. Foliage fern-like and laciniated. Flowers cardinal-red, about 1½ inches in diameter, borne in clusters of five to seven and produced in great profusion from midsummer until frost. Seeds may be started indoors in March, but should not be sown in the open until May. Pkt. 15 cts.

CELOSIA (Cockscomb) TA

Celosia cristata

Handsome and distinct; the comb-like heads may be grown to a large size and make fine decorative plants and unique beds.

Empress. Enormous crimson heads; dark foliage; dwarf. Pkt. 10 cts., ⅛oz. 30 cts.

Queen of the Dwarfs. Plants attain a height of only 8 inches. Combs of a beautiful dark rose-color. Pkt. 10 cts., ⅛oz. 30 cts.

Dwarf Streaked. Remarkable for the monstrosity of its regular combs and the oddity of its color which is a mixture in groups or streaks of all the lovely tones of yellow, pink, red, and violet. Pkt. 25c.

Celosia plumosa

Plumed or Feathered Cockscomb

Of pyramidal growth, with superb feathery plumes. Grand pot-plants and beautiful for beds during the summer months.

Childsii (Woolflower). Bloom starts early with a center head, round and globular, which at times reaches the immense size of 2 feet in circumference. When in full bloom looks like an immense bouquet. Deep crimson-scarlet. Plant 2 to 3 feet high. Pkt. 25 cts.

Thompsonii magnifica. Improved varieties of splendid colors. 1½ feet. Crimson, Gold-Yellow, Scarlet, and Mixed. Each, pkt. 10 cts., ¼oz. 35 cts.

Pride of Castle Gould. A new ostrich-plume variety. Plants compact and pyramidal, producing immense flower-heads resembling willowy plumes in many remarkable shades. Pkt. 25 cts.

CAPSICUM (Ornamental Pepper), **Little Gem. TA.** A nice market plant, with erect, small, scarlet fruit. Grows 1 foot high. Pkt. 10 cts.

CENTAUREA

A very large and varied genus containing numerous handsome foliage and flowering species.

Montana (Perennial Cornflower). **HP.** Produces a profusion of flowers all summer; very showy, large flowers; beautiful blue. Pkt. 10 cts.

Montana alba. Large-flowered; white. Pkt. 10 cts.

Montana rosea. Charming rose. Pkt. 25 cts.

Americana alba. A beautiful native variety with numerous large, creamy white flowers, 5 inches in diameter, long-stemmed and nice for cutting. 2 feet. Pkt. 10 cts.

Cyanus. The Bluebottle, Bachelor's Button, or Corn-flower of the old gardens. A weed in the European cornfields. They commonly come up year after year, seeding themselves. 2½ feet.

Cyanus, All Colors Mixed. Pkt. 5 cts., oz. 25 cts.

Cyanus, Emperor William. Dark blue. Pkt. 5 cts., oz. 30 cts.

Cyanus, Double Blue. Very suitable for cut-flowers. Pkt. 10 cts., ¼oz. 30 cts.

Cyanus, Double Mixed. Fifty to 60 per cent true. Pkt. 10 cts., oz. 50 cts.

Suaveolens (Yellow Sweet Sultan). Very sweet, honey-like odor. 1½ feet. Pkt. 5 cts., ¼oz. 25 cts.

Imperialis. These are beautiful giant varieties, the finest of the collection. They are vigorous growers, branch freely and send out numerous side shoots, producing flowers during a long period. 3 to 3½ feet. White, Lilac, Lavender, Dark Rose, Light Rose, Rose and White, and Yellow. Each, pkt. 10 cts., ¼oz. 30 cts.; Mixed, pkt. 5 cts., ¼oz. 25 cts.

Marguerite. Very large, pure white, sweet-scented flowers. 1½ feet. Pkt. 10c., ¼oz. 25 cts.

Candidissima. HHP. Very handsome silvery foliage used in quantity for bedding, edging, baskets, etc. 9 inches. Pkt. 10 cts. 500 seeds, 30 cts.

Centaurea imperialis

Gymnocarpa. HHP. Silver foliage; a popular bedding variety. Pkt. 10 cts., 500 seeds, 25 cts.

CHRYSANTHEMUMS

A large family of plants of varied character, nearly all valuable for cut-flowers.

Annuals

Very showy and popular; known as Painted Daisies and Summer Marguerites. Useful as pot-plants, as well as for cutting and bedding.

Coronarium. All colors mixed. Pkt. 5 cts., ¼oz. 15 cts.

Eclipse. Golden yellow, scarlet ring. 1½ feet. Pkt. 10c., ¼oz. 25c.

Evening Star. Bright golden yellow flowers, 3 to 4 inches across. 1½ feet. Pkt. 10 cts., ¼oz. 25 cts.

Morning Star. Large; primrose-yellow with golden center. 1½ feet. Pkt. 10 cts., ¼oz. 25 cts.

ANNUAL CHRYSANTHEMUMS, continued

Northern Star. A giant white variety, with flowers 3½ inches across; dark center. 1½ feet. Pkt. 10 cts., ¼oz. 25 cts.
Single Varieties, Mixed. Pkt. 5 cts., ¼ oz. 25 cts.
Double Varieties, Mixed. Pkt. 5 cts., ¼oz. 25 cts.
Inodorum, Snowball (Bridal Robe). A dwarf variety with snow-white, very double flowers; fine foliage. An elegant pot-plant and nice for beds; fair percentage double from seed. ¾ foot. Pkt. 10 cts., ⅛oz. 25 cts.

Greenhouse and Hardy Perennials

Frutescens grandiflora (Marguerite, or Paris Daisy). **GP.** White, with yellow eye. Pkt. 10 cts., ¼oz. 25 cts.
Frutescens, Comtesse de Chambord (Yellow Paris Daisy). Pure yellow. Pkt. 10 cts., ¼oz. 25 cts.
Japonicum. HHP. May quite readily be grown from seed. Sown early, will bloom freely the same season. Pkt. 50 cts.
Hybridum maximum (Shasta Daisy, Alaska). **HP.** Flowers on long stems, 5 to 6 inches and over in diameter, very fine for house decoration. 2½ feet. Pkt. 25 cts.

CINERARIA

Very distinct and ornamental house plants, with magnificent heads of velvety bloom, the colors of which include white, very delicate to very dark blue, all shades of pink, carmine and crimson, with bicolors of crimson and white, blue and white, etc. Large flowers.

Hybrida grandiflora. TP. Large-flowering Prize Strain. Unsurpassed for richness of color and perfection of form. 1½ feet. Pkt. 75c.
Hybrida grandiflora, Semi-dwarf. Large-flowering Prize Strains. Superb mixture of splendid varieties. 1 foot. Pkt. 75 cts.
Hybrida grandiflora, Matador. Beautiful scarlet; a most dazzling color; of French origin, and entirely new. Pkt. 75 cts.
Hybrida stellata (Star Cineraria). **TP.** Large panicles of star-shaped flowers in many pleasing colors; very valuable for cutting and as decorative pot-plants. 2 to 3 feet. Pkt. 50 cts.
Maritima, Diamond. HP. A beautiful foliage variety; pure white leaves; for pots and bedding. 1 foot. Pkt. 10 cts., ¼oz. 25 cts.

CLARKIA HA

Easily grown, flower freely, and are very showy in the border. Fine for cutting and form nice pot-plants. The varieties we offer are a great improvement on the old Clarkias. Flowers large and very double.

Each, pkt. 10 cts., ¼oz. 25 cts.

Alba. Pure white.
Brilliant. Rich crimson-scarlet.
Salmon Queen. Salmon-pink.
Scarlet Queen. Orange-scarlet.
Finest Mixed. Pkt. 5 cts., ¼oz. 20 cts.

Cineraria hybrida grandiflora

Chrysanthemum inodorum, Snowball

CLEOME

Gigantea (Spider Plant). A beautiful new species, having very long stamens giving the flowers a resemblance to the spider; showy. Plants are vigorous growers and constantly in flower. 3 to 4 feet. Pkt. 10 cts., ¼oz. 25 cts.
Gigantea hybrida. Charming new hybrids. Flowers vary from pure white to lilac, rose, and crimson. Pkt. 15 cts.

COBÆA scandens. TP. A popular climber of very rapid growth. Large, bell-shaped, blue flowers. Will rapidly cover a large trellis, and its quaint flowers are most interesting. Should be started indoors and not planted out until all danger from frost is past. Pkt. 10 cts., ¼oz. 25 cts.

COLEUS TP

Splendid bedding plants with beautifully colored foliages, easily grown from seed. They require considerable heat.

Superb Mixture. Choicest and newest varieties. Seed saved from choice collections. Pkt. 25 cts.
Large-leaved Hybrids. Very large and superbly variegated foliage, with a great diversity of brilliantly shaded and colored foliage, and beautiful markings. Pkt. 25 cts.

CONVOLVULUS minor (Tricolor). Beautiful hardy annuals that delight in sun and are very showy in beds, borders and on rock-work. 1 foot. Mixed colors. Pkt. 5 cts., oz. 25 cts.

COREOPSIS HP

Grandiflora. Large, golden yellow flowers from summer to autumn. Valuable for cutting and a fine border variety. Pkt. 10 cts., ¼oz. 25 cts.
Grandiflora, Eldorado. The flowers are 3 inches and over in diameter, borne on strong stems that are 15 to 18 inches long. Bright golden yellow; long-lasting, fine for cutting. Pkt. 10 cts., ¼oz. 30 cts.

CORN, RAINBOW. Leaves have broad stripes of crimson, yellow, white, green, rose or bronze; a fine decorative plant for the garden. Pkt. 10 cts., oz. 30 cts.

CUPHEA platycentra (Cigar Plant). **TP.** Black and scarlet; very free-flowering. A handsome pot-plant and nice for vases, baskets, etc. 1 foot. Pkt. 25 cts.

CYPRESS VINE (*Ipomœa Quamoclit*). Very popular small vine, with delicate, fern-like foliage and masses of beautiful, star-shaped scarlet and white flowers. Fine for a small trellis. Mixed. Pkt. 5 cts., oz. 40 cts.
Ivy-leaved. Leaves deeply lobed; flowers fiery orange-scarlet. Pkt. 10 cts., oz. 40 cts.

COSMOS HHA

Mexican plants with handsome, cut foliage and graceful, long-stemmed, showy flowers, known as Mexican Dahlias. The Mammoth varieties should be sown early and the growth pinched when well established. This checking of the growth, as with dahlias, induces early flowering, thereby avoiding frosts, which otherwise may overtake them. The pinching will also render plants more sturdy and compact and provide a larger number of blooms.

Crimson Ray. Distinct new type; grows 4 to 5 feet high. Very profuse in bloom; flowers many-petaled and petals narrow and fluted, separated in star-like form; most brilliant crimson. Pkt. 10 cts., ¼oz. 25 cts.

Double-flowering. A striking and beautiful new strain. A large percentage come true both as to color and doubleness. The singles which the strain produces are also very beautiful.

Crimson Queen, Pink Beauty and **White Queen.** Each, pkt. 25 cts.

Mammoth Early-flowering. Strain of great beauty, flowering from July till frost. White, Pink, and Crimson. 4 feet. Each color, pkt. 10 cts., ¼oz. 25 cts.; Mixed, pkt. 10 cts., ¼oz. 20 cts.

Klondyke. Flowers orange-yellow; early and continuous bloomers; also nice as a pot-plant. 4 feet. Pkt. 10 cts., ¼oz. 30 cts.

Lady Lenox. Flowers perfectly circular, of gigantic size and of great substance, petals wide and overlapping, borne on long stems; very lasting and fine for cutting. Shell-Pink and White. Each, pkt. 10 cts., ¼oz. 25 cts.; Mixed, pkt. 10 cts., ¼oz. 25 cts., oz. 50 cts.

Mammoth Perfection. Very fine large-flowered varieties attaining a diameter of 4 inches. **White, Pink, Red,** and **Mixed.** Each, pkt. 5 cts., ¼oz. 15 cts., oz. 50 cts.; Mixed, oz. 40 cts.

DATURA cornucopia (Trumpet Flower). This is a very sweet-scented double form, having two cones, one within the other; interior white, exterior violet-purple. 1½ feet. Pkt. 10 cts.

Cosmos, Lady Lenox

Perennial Delphinium

CYCLAMEN TP

A very popular pot-plant for winter and spring flowering. Blooms very freely and for a long period. As a cut-flower it is one of the most graceful and dainty of flowers. Seedling blooms in eight to ten months from sowing. Our strain is unexcelled.

	25 Seeds	50 Seeds	100 Seeds
Giant Princess May. Gigantic rose flower with purple base	$0 50	$0 85	$1 50
Giant Persicum. White with red eye	50	85	1 50
Giant Persicum, Rose. Distinct and beautiful variety	50	85	1 50
Giant Persicum, Mauve. A delicate mauve with carmine eye	50	85	1 50
Giant Phœnix. A lighter red than Vulcan	50	85	1 50
Giant Sunset. Fine light salmon-pink	60	1 10	2 00
Giant Salmon King. Beautiful clear salmon-pink; the most popular of all varieties	60	1 10	2 00
Giant Vulcan. Deepest red; free-blooming, blood-red variety	50	85	1 50
Giant White Swan. Enormous pure white flowers on stiff stems	50	85	1 50
Giant Superb Mixed	35	65	1 25

Eileen Low. Color a lovely shade of Rose DuBarry pink. Its great attraction lies in the distinct white margin and blush-white crest on each petal. Both lovely and unique ..... Pkt. $1 00

Cherry Ripe. Nearly scarlet; brightest red Cyclamen 1 00

Mrs. Buckston. Giant salmon-colored flowers, beautifully frilled, very floriferous 75

Purple Prince. Flower purple-crimson; foliage brightly marbled, silver leaf 1 00

St. George. The silver-leaved Cyclamen; foliage beautifully marbled; flowers of a pale salmon color 1 00

DELPHINIUM HP

These, when established, form most stately plants that bloom throughout July, August, and September. Magnificent blues predominate, although other attractive colors are not wanting. The entire list will bloom the first season from early-sown seed. July and August are good months for outdoor sowing. Flower-spikes that have lost their beauty should be removed promptly, promoting additional bloom.

Cardinale. Elegant scarlet flowers with yellow centers. 3 feet. Pkt. 25 cts.

Cashmerianum. Pale to deep blue flowers; dwarf, branching habit; distinct. 1½ feet. Pkt. 25 cts.

Formosum. Dark blue with white eye; a popular variety. 2½ ft. Pkt. 10c., ¼oz. 40c.

Formosum cœlestinum. Lovely blue, a celestial color. 2½ ft. Pkt. 15c., ¼oz. 50c.

Chinense (Chinese Larkspur). Pale to deep blue shades. Pkt. 5 cts., ¼oz. 25 cts.

Chinense album. Pure white; comes true from seed. Pkt. 5 cts., ¼oz. 25 cts.

Kelway's Hybrids. Flower-spikes very large, varying in color from pearly white to lavender and from soft azure-blue to rich indigo. A noted strain. Pkt. 15 cts., ¼oz. 50 cts.

Double-flowering Hybrids. Best double-flowering varieties from a rich collection. 3½ to 4 feet. Pkt. 15 cts., ¼oz. 50 cts.

Belladonna. Blooming from June until frost, its clear turquoise-blue flowers are unsurpassed. Pkt. 25 cts., ⅛oz. 50 cts.

Zalil. Flowers sulphur-yellow, produced freely from June until August; spikes long, with forty to fifty flowers on each. Pkt. 25 cts.

Rev. E. Lascelles. Deep blue with white center; extra large, and double. Pkt. 25 cts.

DAHLIAS HHP

Very easily grown from seed, and the beautiful new introductions of the past seasons afford single and double flowers in wonderful variety, all classes coming quite true from seed, and supplying magnificent colors. In the garden these seedling Dahlias bloom as early and freely as the plants grown from tubers.

Double, Large-flowering, Show Varieties. Saved from the finest double flowers. Pkt. 10 cts., ⅛oz. 35 cts.

Cactus, Double, Large-flowering, Dwarf. Large flowers, very distinct and showy; many colors. 3 to 4 feet. Pkt. 10 cts., ⅛oz. 35 cts.

Cactus, Single-flowered. From a fine collection. Pkt. 10 cts., ⅛oz. 25 cts.

Giant Single. Its numerous blooms are perfect in shape, of various colorings, and of huge size, sometimes attaining a diameter of 7 inches and over. Plant of medium height. Pkt. 25 cts.

Giant Double. Of vigorous growth and rigid stem. Flowers of remarkable size, under favorable conditions 7 to 7½ inches in diameter. Mixed colors. Pkt. 25 cts.

Twentieth Century, or Orchid-flowered. Flowers single and very large, 4 to 7 inches in diameter, from white to deep crimson; late. Pkt. 10 cts., ⅛oz. 50 cts.

Single Mixed. Pkt. 5 cts., ¼oz. 25 cts.

DIANTHUS (The Divine Flower)

The rich coloring, with the varied forms and fringing of petals common to many varieties, renders them very attractive. They are all useful for bedding and all serviceable for cutting. The Annual Pinks may be sown in autumn or spring. An adornment to every garden.

Double Annual Pinks

CHINA or INDIAN PINKS (*Diantbus Sinensis*). Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders. Flowers very double and in unlimited variety of colors, borne on long, stiff stems. Finest Mixed, pkt. 5 cts., ¼oz. 25 cts.

JAPANESE PINKS (*D. Heddewigi* and varieties). A beautiful class of sturdy-growing plants, 10 to 12 inches high and of the same width; handsomely marbled and mottled flowers in all imaginable colors, 2 inches and over in diameter. Finest Mixed, pkt. 5 cts., ¼oz. 30 cts.

Fireball. A dwarf bedding variety, with blood-red flowers. Pkt. 10 cts., ¼oz. 30 cts.

Purity. Snow-white; clove-scented; fine for cutting. Pkt. 5 cts., ¼oz. 30 cts.

Marvelous. Very large and beautiful, fringed flowers, rich and varied; elegant for cutting. Pkt. 10 cts.

Salmon Queen. Beautiful salmon-rose. Pkt. 10 cts., ¼oz. 50 cts.

Snowball. Fringed, snow-white flowers; fine for cutting. Pkt. 5 cts., ¼oz. 35 cts.

Diadem Pinks (*D. Heddewigi diadematus*). Very large, showy flowers, beautifully marked and flaked. Splendid Mixed. Pkt. 5 cts., ¼oz. 30 cts.

Royal Pink (*D. Heddewigi nobilis*). A beautiful class for cutting; flowers large and exceedingly fragrant, very double and on long stems; colors range from white to rose, and scarlet to blood-red. Pkt. 10 cts., ¼oz. 30 cts.

Single Annual Pinks

All the single varieties have large flowers. These we do not offer in separate colors, but in a Superb Mixture of many brilliant colors. Pkt. 5 cts., ¼oz. 25 cts.

Hardy Garden Pinks

Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

Double White Clove Pink, Mrs. Sinkins (*D. plumarius semperflorens fl.-pl.*). A beautiful white variety; very double, sweet and nice for cutting. Pkt. 50 cts.

Double Red Clove Pink, Homer. Fine, double; dark rose, crimson center. Pkt. 50 cts.

Double Grass Pink (*D. plumarius fl.-pl.*). Double and semi-double flowers in variety. Pkt. 10 cts., ⅛oz. 30 cts.

Perpetual Pink (*D. plumarius semperflorens*). These are ever-blooming garden Pinks, in many colors; single, semi-double and double-flowered, and of spicy fragrance. Pkt. 10 cts., ⅛oz. 30 cts.

Single, Finest Mixed (Pheasant's Eye; *D. plumarius*). Many-colored, fragrant flowers, nicely fringed. Pkt. 5 cts., ¼oz. 25 cts.

Deltoides (Maiden Pink). Creeping variety. Flowers rose with dark circle. Pkt. 10 cts., ¼oz. 50 cts.

DIGITALIS HP

Thimble Flower, or Foxglove

Beautiful perennials for the border, etc.; some are elegant pot-plants, blooming readily in 4-inch pots in spring. For this purpose seed should be sown in August and grown slowly during the winter.

Grandiflora. A beautiful dwarf; chrome-yellow; flowers small. 3 feet. Pkt. 5 cts., ¼oz. 25 cts.

Maculata superba, Mixed. A very choice strain of spotted flowers, on long stalks. Pkt. 10 cts., ¼oz. 35 cts.

Monstrosa. A charming and unique strain. The beautiful spikes of flowers are topped by one very large, cup-shaped flower. They are borne in long clusters, are very nice for cutting, particularly the pure white, and form beautiful pot-plants. Colors white, lilac, light purple, and some approaching pink. Mixed, pkt. 10 cts., ¼oz. 35 cts.

Gloxiniæflora. Large, spotted, gloxinia-like flowers, produced on long spikes. 3½ to 5 feet. White, Pale Pink, and Purple. Each, pkt. 5 cts., ¼oz. 30 cts.; Mixed, pkt. 5 cts., ¼oz. 25 cts.

DIASCIA BARBERÆ. HHA. Beautiful rose-pink flowers produced in great abundance during the summer. A good greenhouse pot-plant. 1 foot. Pkt. 25 cts.

Digitalis grandiflora

DRACÆNA (Cordyline) TP

Graceful foliage plants; fine subjects for vases, center of beds, etc.

Indivisa. A popular plant for vases. Hulled seed, pkt. 10 cts., ¼oz. 25 cts.

DIMORPHOTHECA

Aurantiaca (African Golden Orange Daisy). A wonderfully free-flowering plant. It begins flowering in small pots six weeks after sowing, and forms a nice pot-plant. In the garden it is a continual sheet of bloom. The many-petaled flowers are deep orange or ochre-yellow with a black zone at the base and a small brown disk. 6 to 9 inches. Pkt. 10 cts., ⅛oz. 25 cts.

Aurantiaca hybrida fl.-pl. Charming double and semi-double flowers, varying from white to light and dark yellow and from salmon-rose to orange. Pkt. 15 cts.

DOLICHOS (Hyacinth Bean)

A family of climbing Beans, bearing large, handsome foliage and bright flowers, followed by curious bean-shaped pods of various colors.

Darkness. Stems and under sides of foliage purplish red. The numerous spikes of reddish purple, pea-like flowers are succeeded by showy seed-pods. 8 to 10 feet. Pkt. 5 cts., oz. 30 cts.

Daylight. Flowers freely from the ground up; pure white flowers and ornamental white pods; vine, 8 to 10 feet. Pkt. 5 cts., oz. 30 cts.

Lablab, Mixed. Has long spikes of flowers and large leaves. Pkt. 5 cts., oz. 20 cts.

ECHINOPS Ritro (Globe Thistle). **HP.** Large, imposing heads of light blue flowers; very ornamental. 3 feet. Pkt. 10 cts.

EDELWEISS. HP. Interesting alpine plant, with beautiful, star-shaped flowers and handsome foliage. Pkt. 15 cts.

ESCHSCHOLTZIA

California State Flower; California Poppy HB

Very brilliant flowers, produced in great numbers. They may be sown in spring, although fall sowing will give better results. 1 foot.

Golden West. Very large, lovely yellow flowers, with orange blotch at the base of petals. Pkt. 5 cts., oz. 40 cts.

Burbank's Crimson. Beautiful, clear rosy crimson flowers, produced profusely. Pkt. 5 cts., oz. 40 cts.

Fire-Ball. Straight upright stems; fire-red flowers. Pkt. 15 cts.

Mikado. Large orange-crimson flowers. Pkt. 10 cts., ¼oz. 25 cts.

The Geisha. Flowers fluted and crimped; orange-red outside, golden yellow within. Plant bushy, compact, and upright. Pkt. 10 cts., ¼oz. 25 cts.

Vesuvius. Wallflower-red. Bowl same color inside as outside. Pkt. 10 cts., oz. 50 cts.

Rose-Cardinal. Dark rose exterior, inside blush. Pkt. 5 cts., oz. 40 cts.

Single-flowered, Mixed. Extra fine. Pkt. 5 cts., oz. 25 cts.

Double-flowered, Mixed. Very good semi-double flowers. Nice for bedding or for massing. Pkt. 5 cts., oz. 30 cts.

EUPHORBIA

Variegata (Snow-on-the-Mountain). Robust grower; foliage margined and veined white. 2 feet. Pkt. 5 cts., oz. 30 cts.

Heterophylla (Mexican Fire Plant). Resembles in color and habit the poinsettia. Flowers striking, brilliant orange-scarlet. 2 feet. Pkt. 10 cts.

EVERLASTINGS

For convenience we have grouped here plants prized for their "Everlasting" or "Straw Flowers." Also valuable as border plants.

Acroclinium roseum fl.-pl. Graceful; double, rose flowers. 1 foot. Pkt. 5 cts., ¼oz. 30 cts.

Ammobium alatum grandiflorum. Clusters of pure white flowers. 2 feet. Pkt. 5 cts., ¼oz. 25 cts.

Gomphrena globosa. Flesh, rose, purple, variegated, and white, in finest mixture. Pkt. 5 cts., ¼oz. 20 cts.

Gomphrena globosa nana compacta. A dwarf, compact variety of above. Red and White mixed. Pkt. 5 cts., ¼oz. 25 cts.

Helichrysum monstrosum. The best of the Everlastings. The improved form we offer produces larger and more double flowers than the old type. Fine for cutting.

Fireball. Crimson.
Pink Beauty. Salmon-pink.
Golden Ball. Golden yellow.
Silver Ball. White.
Mixed. Pkt. 5 cts., ¼oz. 20 cts.

Each, pkt. 10 cts., ¼oz. 25 cts.

EVERLASTINGS, continued

Rhodanthe Manglesii. Bright rose; charming and particularly neat in pots in the spring. 1 foot. Pkt. 5 cts., ¼oz. 25 cts.

Rhodanthe Manglesii fl.-pl. Large-flowered, double; rose. Pkt. 10 cts., ¼oz. 30 cts.

Xeranthemum annuum. For summer cutting or winter bouquets. Double; white, rose and purple, mixed. Pkt. 5c., ¼oz. 25c.

EMMENANTHE penduliflora (California Golden Bells). Bushy, compact-growing annual, with long, lasting, golden yellow flowers. Pkt. 25 cts.

FEVERFEW (Matricaria) HHP

Capensis fl.-pl. (Double Feverfew). A very free-flowering border plant bearing a mass of cream-colored flowers; neat, attractive foliage. 2 feet. Pkt. 10 cts.

Snowball. A white-flowered form of the preceding, but even more dwarf. Pkt. 15 cts.

FERN SPORES. TP. Fine named greenhouse varieties. Each, pkt. 50 cts. Mixed varieties, pkt. 25 cts.

GENTIANA acaulis. HP. Dwarfish plants, with intense blue, bell-shaped flowers. 4 inches. Pkt. 10 cts.

GAILLARDIA

These are annuals and perennials that will all bloom freely from spring-sown seed. Their coloring is gorgeous and they are indispensable for bedding and cutting. Sow where wanted and thin out.

Amblyodon. Large, single, salmon-red flowers, deep crimson centers; very showy and nice for cutting. 2 feet. Pkt. 5 cts., ¼oz. 25 cts.

Picta (Drummondii) Single-flowered. Fine mixture of colors. 1 foot. Pkt. 5 cts., ¼oz. 25 cts.

Lorenziana Double, Finest Mixed. Beautiful colors, flowering from midsummer to frost; fine for bedding or cutting. 1½ ft. Pkt. 5 cts., ¼oz. 20 cts.

Lorenziana, "The Bride." White, double, and borne on long stems; fine for cutting. Pkt. 10 cts., ¼oz. 40 cts.

Gaillardia, Coppery Red

Grandiflora compacta. HP. Compact; blooming freely; flowers scarlet, margined yellow. 9 inches. Pkt. 10 cts., ¼oz. 50 cts.

Kelway's Hybrids. HP. Entirely distinct; a grand new and improved strain; flowers of enormous size, borne on stout stems. Choicest Mixed. Pkt. 10 cts., ¼oz. 35 cts.

Coppery Red. HP. Flowers of the largest size and of a uniform coppery red color, turning to a lighter shade near the tips of the petals. Very floriferous. Pkt. 25 cts.

GERANIUM HHP

Are readily grown from seed, and will flower early in spring from seedlings.

Grand Zonale Mixture. This single-flowering strain embraces the cream of the varieties and superb seedlings. Flowers large and round, some forming immense trusses. Scarlet, crimson, rosy pink, salmon, cream veined pink, blush, and pure white. Mixed, pkt. 25c.

Apple-scented. Very refreshing odor; a nice pot-plant. 9 inches. Pkt. 25 cts.

GERBERA Jamesonii hybrida (Transvaal Daisy). **HHP.** Richness of color and form distinguishes the new hybrids of *Gerbera Jamesonii*. They range in nearly all shades, from white to yellow, and from yellow to orange, and from rose to blood-red, and each sowing brings forth new surprises. The flowers are also much larger than those of the type. Pkt. 25 cts.

GEUM HP

Atrosanguineum. Large; double scarlet; valuable for cutting; fine border plants. 2 feet. Pkt. 10 cts., ¼oz. 30 cts.

Mrs. Bradshaw. Flowers very large, double and of the brightest scarlet; blooms all summer. 1½ feet. Pkt. 15 cts., ¼oz. 50 cts.

GLADIOLI hybrida præcox. New class. Most of the seedlings bloom in four to five months when sown early under glass. Flowers of immense size, 4 to 5 inches in diameter, and produced in all shades and colors known in the Gladiolus. Pkt. 15 cts., ⅛oz. 50 cts.

GLOXINIA hybrida grandiflora crassifolia erecta. TP. Will bloom in six months from sowing. Bears large, tubular flowers of many brilliant colors and of velvety texture; the foliage is soft and flexible, brownish red in color, with white veins. Flowers are borne on erect stems well above the leaves. Superb mixture of colors. Pkt. 50 cts.

GODETIA

Very neat and free-flowering annuals that will be satisfactory for edging and for solid beds; for a blaze of color they will vie with the nasturtiums. Should not be planted in too rich soil. In bloom from June to October; plant about 1 foot apart.

Crimson Glow. A splendid, free-flowering, compact variety; blood-crimson. 9 inches. Pkt. 10 cts., ⅛oz. 30 cts.

Duchess of Albany. Compact, large, satiny white flowers in pyramidal clusters. 9 inches. Pkt. 5 cts., ¼oz. 25 cts.

Nana compacta, Rosy Gem. Habit of plant very compact. The most dazzling rosy carmine, and by far the most compact variety, forming perfect bushes of bloom. 9 inches in height. Pkt. 15 cts.

Rosamond. Vivid rose, white center. 9 inches. Pkt. 10 cts., ¼oz. 30 cts.

Fairy Queen. Very compact. White with crimson spots. Pkt. 25c.

Gloriosa. Deep blood-red. Compact. Pkt. 10 cts., ¼oz. 30 cts.

Sunset. Dwarf and compact. The most dazzling color of all; rosy crimson, forming perfect bushes of blooms. Pkt. 25 cts.

GOURDS. These are mainly tender and half-hardy annuals that are useful for covering verandas, arbors, etc. They are rapid-growing and their fruits very ornamental. **Dipper, Dishrag, Hercules' Club, Knob-Kerrie, Nest Egg, Pipe Calabash, Powder Horn, Serpent.** Each, pkt. 5 cts., oz. 25 cts.

Mixture of Many Varieties. Pkt. 5 cts., oz. 20 cts.

ORNAMENTAL GRASSES

Specimen plants, clumps or entire beds of harmonious varieties are especially interesting. They are always valuable for cutting, and may be preserved and used in combination with "Everlasting" flowers for winter bouquets, decorations, etc.

Annual Ornamental Grasses

Agrostis nebulosa. Elegant, feathery. 1¼ feet. Pkt. 5 cts.

Briza maxima. The larger Quaking Grass. 1½ feet. Pkt. 5 cts.

Bromus brizæformis. Very decorative. 2 feet. Pkt. 5 cts.

Coix Lacryma-Jobi (Job's Tears). The curious seeds are used as beads. 1½ feet. Pkt. 5 cts., oz. 20 cts.

Eragrostis elegans (Love Grass). Very beautiful; nice for sweet-pea bunching. 1½ feet. Pkt. 5 cts.

Lagurus ovatus (Hare's Tail Grass). Small white spikes. 1½ feet. Pkt. 5 cts.

Pennisetum longistylum. Graceful, greenish white plumes. Pkt. 5 cts.

Pennisetum Ruppellianum (Purple Fountain Grass). Handsome purple spikes. 2½ feet. Pkt. 10 cts.

Perennial Ornamental Grasses

Andropogon argenteus. A fine border plant with silvery plumes. 5 feet. Pkt. 10 cts.

Arundo Donax variegata (The Variegated Giant Reed). Fine for groups. 12 feet. Pkt. 10 cts.

Erianthus Ravennæ. Fine silvery plumes; violet-shaded foliage. 9 feet. Pkt. 10 cts.

Eulalia zebrina. Leaves barred yellowish white. 4 feet. Pkt. 10 cts.

Gynerium argenteum (Pampas Grass). Graceful for borders; beautiful silvery plumes. 8 to 10 feet. Pkt. 10 cts.

Stipa pennata (Feather Grass). Silvery white, feathery plumes. 2 feet. Pkt. 5 cts.

GREVILLEA robusta (Silk Oak). **TP.** A very handsome pot-plant, useful also for outdoor effect. Nice plants can be grown in a few months. Insert seed edgewise to insure germination. Pkt. 10 cts., ¼oz. 35 cts.

GYPSOPHILA (Baby's Breath)

Annuals and perennials that will flower the first season. All have graceful panicles of small flowers that are elegant for cut-flower purposes.

Elegans grandiflora alba. An improved large-flowered white form. Pkt. 5 cts., oz. 30 cts.

Paniculata. HP. The perennial variety that is easily grown from seed, equally useful for cutting, and a fine border plant; branches may be used for winter bouquets. 3 feet. Pkt. 5 cts., ¼oz. 25 cts.

Paniculata fl.-pl. HP. An extremely vigorous race, producing about 50 per cent of perfectly double flowers, of beautiful pure white. Pkt. 25 cts.

Lemoine's Giant Heliotrope

HELIOTROPE TP

Lemoine's Giant Hybrids. Flowers vanilla-scented; very free-blooming; the colors range from white through violet and blue. 1½ feet. Pkt. 10 cts., ⅛oz. 40 cts.

Midnight. Very dark foliage, stems black; flowers a lovely purple, variegated with white and light purple. Pkt. 10 cts., ⅛oz. 40 cts.

HEUCHERA (Alum Root). **HP.** Choice hybrids. Produce erect spikes of every shade from white to deep crimson. Blooms more freely than *H. sanguinea.* Fine for the border and excellent for cutting. Pkt. 25 cts.

HELIANTHUS (Sunflower)

The larger forms of these are very useful for subtropical effects, while the dwarfer, small-flowered varieties are at home in the border. The miniature varieties are very nice for cutting.

Annuals

Chrysanthemum-flowered. Very double, golden yellow flowers, resembling chrysanthemums. Height 7 feet. Pkt. 10 cts., oz. 40 cts.

Double Orange (*H. globosus fistulosus*). Extra-large, very double flowers. 5 feet. Pkt. 5 cts., oz. 30 cts.

Globe of Gold. Dwarf; double orange flowers. 4 feet. Pkt. 5 cts., oz. 30 cts.

Multiflorus (1,000-flowered). Branches covered with golden yellow, double flowers. 8 feet. Pkt. 10 cts.

Mammoth Russian. Immense single flowers. Oz. 5 cts.

Cucumerifolius (Miniature). Very nice plants; bushy in habit and producing many flowers during a long period; very fine for cutting; long stems. 3 feet. Pkt. 5 cts., ¼oz. 25 cts.

Cucumerifolius, Diadem. Sulphur-yellow, black disk. 3 feet. Pkt. 5 cts., ¼oz. 25 cts.

ANNUAL HELIANTHUS, continued

Cucumerifolius, Orion. Deep yellow; long, twisted petals. 4 feet. Pkt. 5 cts., ¼oz. 25 cts.

Cucumerifolius, Stella. An improvement on the type. Large, deep yellow flowers with dark disks. 2 feet. Pkt. 5 cts., ¼oz. 20 cts.

Cucumerifolius, Double. Star-shaped, twisted petals; cactus-dahlia-like. Pkt. 10 cts.

New Red. Plant 5 to 7 feet high, well branched. Flowers vary from 4 to 7 inches in diameter. They vary also greatly in shade and coloring, some red of a deep maroon shade, others red with gold-tipped frills, others again of different combinations of red and gold. Borne on long slender stems. If cut when just opening and placed in water, they will last for a week. Pkt. 10 cts., ¼oz. 25 cts.

New Wine and Primrose. A profusely branching hybrid variety, each branch terminating with a flower 4 to 5 inches across. Light primrose or creamy yellow in color, broadly zoned around the disk with wine-red. Pkt. 10 cts., ¼oz. 25 cts.

PERENNIALS, Mixed. Many varieties. Beautiful plants for borders, etc. 3½ to 6 feet. Pkt. 10 cts., ¼oz. 40 cts.

HIBISCUS HHP

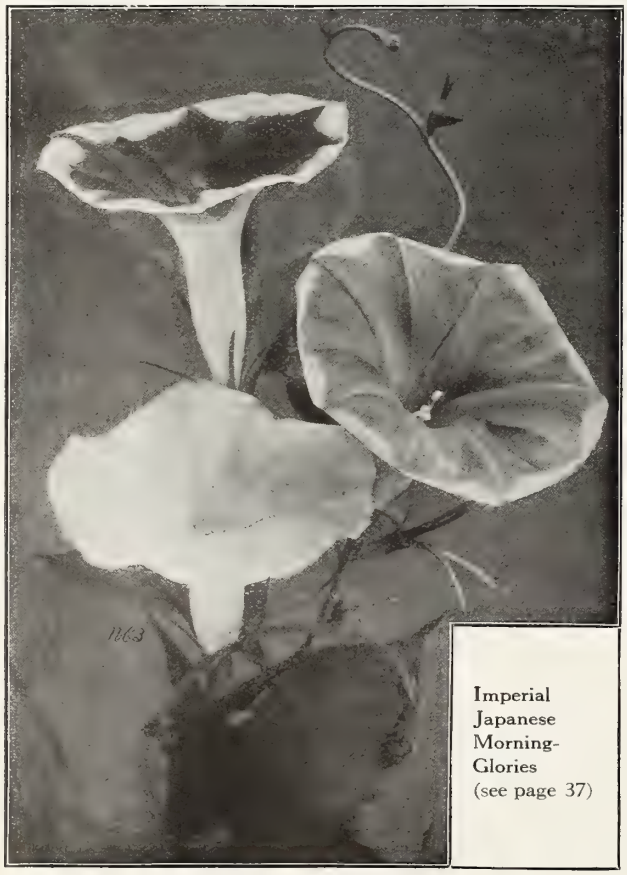
Crimson-Eye. Large, pure white flowers, with velvet-crimson center. 4 feet. Pkt. 10 cts.

Golden Bowl. Large, cup-shaped, cream-yellow flowers with rich maroon center. An early bloomer. Pkt. 10 cts.

Manihot grandiflora, Sunset. Will flower the first season from early-sown seed. Large, soft yellow flowers, crimson-maroon eye. 4 feet. Pkt. 10 cts.

Palustris rosea. Large, pink flowers. Pkt. 10 cts.

Grandiflora Rainbow. A great acquisition, comprising scores of shades from pure white, through pink and rose, some with dark centers and others with solid colors. Flowers 8 to 12 inches in diameter, which remain open practically all day. Easily grown from seed. Live and bloom for years. Pkt. 25 cts.



Imperial Japanese Morning-Glories (see page 37)

HOLLYHOCKS (Althæa)

These are old-time favorites; beautiful for a backgreund, lawn groups or for screens. Older forms will frequently flower from fall-sown seed, but require a good season to do so.

Superb Double Hollyhock

Annuals
(*A. semperflorens*)

Everbloomers, from June until frost the second season. They are really early-flowering perennials.

Double Fringed. In fine varieties. 4 to 10 feet. Pkt. 10 cts., ¼oz. 30 cts.

Hardy Perennials

Allegheny Mammoth Fringed. Very large, loosely formed, semi-double flowers, finely fringed. Sown early, flowers the first season. 7 feet. Finest Mixed, pkt. 10c., ¼oz. 30c., oz. $1.

Newport Pink. Fine, pure pink, double variety, exquisite in shade; flowers very double. Pkt. 15 cts., ¼oz. 50 cts., oz. $1.50.

Superb Double. A percentage flower the first season from seed sown the previous fall; 5 to 8 feet. Dark Rose, Pink, Bright Red, Maroon, Flesh Color, Scarlet, White, Yellow, and Mixed. Each pkt. 10 cts., ¼oz. 30 cts., oz. $1.

Single Superfine Mixed. Pkt. 10 cts., ¼oz. 30 cts., oz. $1.

HUMULUS

Rapid-growing, ornamental climbers.

Japonicus. Growing to 30 feet in a season. Pkt. 5 cts., ¼oz. 25c.

Japonicus variegatus. Cream-white variegation on a deep green ground. Matures in one season. Pkt. 10 cts., ¼oz. 30 cts.

HUNNEMANNIA fumariæfolia (Giant Yellow Tulip Poppy). **HA.** Produces in profusion large, yellow, poppy-like blossoms. In bloom from midsummer until frost. Pkt. 10 cts., ¼oz. 25 cts.

IMPATIENS TP

A Charming Plant for the House or Conservatory

Holstii Hybrids. Beautiful varieties, being particularly desirable for bedding, borders or pots. They form very compact plants about 1 foot high and 1 foot in diameter, with beautiful, glossy green foliage and thickly dotted over with flowers, constantly in flower until frost. Vermilion, white, red-eyed, rose, carmine, lilac, dark scarlet, dark violet, in fine mixture. Pkt. 25 cts.

Sultani. Brilliant rosy scarlet. May be lifted in fall and will flower nicely during the winter and spring. Pkt. 25 cts.

IPOMŒA TA

All are members of a large genus of plants mainly of climbing habit. They are of rapid growth and produce a wonderful show of foliage and flower; are much used as a covering for walls, trellises, etc. All easily grown from seed. The seeds of Moonflowers should be cut and soaked in water twenty-four hours before sowing.

Moonflowers (*Ipomoea grandiflora*)

Very large, pure white flowers, opening in the evening and on dark, cloudy days. Very rapid grower. Will reach out 30 to 40 feet. Soak seeds, or preferably cut a notch through the hard shell; will germinate in 12 to 15 days. White- and Black-seeded, each, pkt. 10 cts., oz. 60 cts.

IPOMŒA, continued

Giant Grandiflora Pink. Soft lilac-pink flowers. Pkt. 10 cts., oz. 50 cts.

Heavenly Blue. Beautiful sky-blue flowers, 4 to 5 inches across, with rose-colored markings; produced very early and in abundance. Pkt. 10 cts., ¼oz. 25 cts.

Hederacea superba. Sky-blue flowers with white margin. Pkt. 10 cts.

Fuchsia-flowered. The seed-pods resemble the flower of the fuchsia. Flowers small and light rosy pink in color. Vine a rapid grower, lovely, and slender. Foliage deep green and five-fingered. Blooms late in summer until frost. Pkt. 10 cts.

Morning-Glories

Convolvulus major. HHA. This is always satisfactory as a vine for almost any purpose and thrives in any soil. Mixed. Pkt. 5 cts., oz. 20 cts.

Brazilian Morning-Glory (*Ipomœa setosa*). **TP.** Of luxuriant growth, leaves often measuring 10 to 12 inches across; flower salmon-rose; 4 to 5 inches in diameter; ornamental seed-pods. Pkt. 10 cts., oz. 35 cts.

Snow Fairy, Double-flowered. The apex of the flower has the single trumpet-form of the ordinary Morning-Glory, and is more heavily surrounded by numerous white petals, thus combining both single and double flowers in one. Flowers pure white, about 2½ inches in depth and 2½ inches in diameter. Of vigorous growth. Blooms early, profusely, and continually until frost. Pkt. 10 cts., oz. 50 cts.

JAPANESE MORNING-GLORY. Wonderful in the colorings and markings of the flowers as well as for the variety of form and variegation of foliage. The colors run from white through all shades of blue and purple, rose to dark red, etc. Flowers are also striped, marbled, blotched, margined. The foliage of many is beautifully variegated. Soak seeds in warm water before sowing. Early pot-sown seeds are recommended for best results. Should not be planted in the open ground until the soil is well warmed.

Imperial Giant, Mixed. Flowers of immense size. Pkt. 10 cts., oz. 30 cts.

Imperial Fringed, Mixed. Fringed and ruffled; many colors. Pkt. 5 cts., oz. 25 cts.

KOCHIA tricophylla (Burning Bush; Summer Cypress). **HHA.** A very handsome, symmetrical plant, forming beautiful globose specimens without pruning or pinching; leaves assume crimson tint in the fall. 3 feet. Pkt. 5 cts., ¼oz. 25 cts.

KUDZU VINE (Pueraria). **HP.** Climbing vine; very rapid grower; large leaves; wistaria-like, fragrant flowers. Pkt. 10c., ¼oz. 25c.

LANTANA HHP

Verbena-like clusters of flowers, some changing color as the bloom ages. They are handsome bedding plants and beautiful for pots. The habit of the new hybrids is a great improvement, these being fine, dwarf and compact plants. Seed may be sown as late as March.

Hybrida, Mixed. Orange-and-red varieties. Pkt. 10c., ¼oz. 25c.

Hybrida compacta. New dwarf varieties. Fine Mixed. Pkt. 10c., ¼oz. 35 cts.

LATHYRUS HP

The hardy, everlasting Sweet Pea, with flowers much like the annual sort, but without fragrance. Produces showy, climbing vines suitable for screens, trellises, etc., and flowers all summer.

White Pearl. Giant-flowering, purest white. Pkt. 10 cts.
Pink Beauty. Bright rosy pink. Pkt. 10 cts.
Splendens. Rose-carmine. Pkt. 10 cts.
Latifolius, Mixed. Pkt. 10 cts., oz. 40 cts.

LAVATERA (Annual Mallows)

Beautiful and showy annuals, producing profusely the entire summer, large, cup-shaped flowers. Sow in the garden in May and thin out 1 foot apart. 2 feet.

Trimestris grandiflora rosea. Brilliant pink. Pkt. 10 cts., ¼oz. 25 cts.

Trimestris alba. Pure white. Pkt. 10 cts., ¼oz. 25 cts.

Trimestris, Sunset. The charming brightness of its color, a very deep rose-pink, is very effective. Fine for beds and cut-flowers. Pkt. 15 cts.

LINARIA Cymbalaria maxima (Kenilworth Ivy). **HP.** Glossy, ivy-like foliage. New, large-flowered varieties. Colors white to rose. Very neat trailing plant for boxes, baskets, etc. Pkt. 10 cts.

LINUM Narbonnense (Flax). **HP.** Grows in clumps and blooms from May to July; flowers beautiful azure-blue. Pkt. 25 cts.

LARKSPUR (Delphinium) HA

These form very showy bedding plants that bloom freely during the summer months. Their flowers are very bright, mainly shades of blue, purple, rose, violet, and white. They are durable and elegant for cutting. The seedlings should be thinned out early, to secure the fine branching habit now common to most of the strains offered.

Annual Larkspurs

Azure Fairy. Plant dwarf; grows to a height of 12 inches; covered with a profusion of blooms of a lovely clear cambridge-blue. Pkt. 25c.

Dwarf Double Rocket. These are among the first to flower. Very choice strain; in fine mixture. Fine for bedding. 1 foot. Each, pkt. 5 cts., oz. 25 cts.

Tall Double Rocket. Fine mixed, many shades. 2 feet. Pkt. 5 cts., oz. 25 cts.

Giant Hyacinth-flowered. Fine mixed, about eight colors; fine double flowers. These flower shortly after the Double Rocket and Stock-flowered varieties. Pkt. 5 cts., oz. 30 cts.

Newport Scarlet. A beautiful, free-flowering, large-spiked, brilliant scarlet variety. Very fine. Pkt. 10 cts., ¼oz. 25 cts.

Tall Double Stock-flowered. Tall, branching. These are early varieties, fine for borders or among shrubs and useful for cutting. Beautiful shades. 2½ feet. Very vigorous and free-flowering. Mixed, pkt. 5 cts., oz. 50 cts.

Each, pkt. 10 cts., oz. 60 cts.

Dark Blue	**Light Blue**	**Red**	**Shell-Pink**
Dark Rose	**Lilac**	**Carmine**	**White**
Flesh-Color	**Mixed,** pkt. 10 cts., oz. 50 cts.		

LEPTOSIPHON Hybrids, French. HHA. Brilliant shades from scarlet to yellow and white. Exquisite for edging, rockwork, etc. 6 inches. Pkt. 10 cts.

LEPTOSINE Stillmanii. These resemble Marguerites. Bright yellow; very free-flowering. Bloom in 6 weeks after sowing. Pkt. 35 cts.

Tall Double Stock-flowered Larkspur

Marigolds, Eldorado

LOBELIA

Annuals and perennials that are extensively used for bedding, being invaluable for blue edging. Also elegant for baskets, pots, etc. Require a good soil for best effect.

Hybrida, Sapphire. A splendid trailing variety. Flower deep blue with white eye. Pkt. 25 cts.

Gracilis. Light blue flowers; bright green foliage; trailing. Pkt. 5 cts., ¼oz. 30 cts.

Compacta, White Lady. Large-flowered; fine white. 6 inches. Pkt. 10 cts., ⅛oz. 25 cts.

Compacta, Crystal Palace. Foliage dark; flowers rich, celestial blue; the best bedder. Pkt. 10 cts., ⅛oz. 40 cts.

Compacta, Emperor William. Deep blue; dwarf and nice. Pkt. 10 cts., ⅛oz. 40 cts.

Cardinalis robusta grandiflora. HP. Thick, large spikes of handsome, brilliant scarlet flowers. 1½ feet. Pkt. 15 cts.

Tupa. HP. The individual flowers, which are of a bronze-crimson, resemble a very large *Lobelia cardinalis*. Pkt. 25 cts.

LUPINUS (Lupine; Sun-Dial)

Old-fashioned favorites that thrive in almost any soil or situation. Some species are extensively used for forage and improvement of poor soils. The taller varieties are useful for the border, and dwarfer sorts for bedding.

Polyphyllus. HP. Very effective, spring-flowering plants, producing large spikes of pea-shaped flowers.

Polyphyllus roseus. Rose; immense spikes. Pkt. 10 cts. oz. 50c.

Polyphyllus, Blue and **White.** Large spikes; very thrifty. Each, pkt. 5 cts., oz. 35 cts.

Polyphyllus Moerheimii. Fine hardy Lupine plants about 3 feet high, of vigorous growth, bearing long spikes of beautiful flowers. In color, a combination of light and dark pink. Pkt. 10 cts., oz. 50 cts.

Perennial Varieties. Choice mixed. Pkt. 5 cts., oz. 25 cts.

Hartwegii. This class is a great improvement on the old form. Very showy and nice for cutting. 2 feet. Blue, Rose, White, Red, and Sky-blue. Each, pkt. 5 cts., oz. 25 cts.; Mixed, pkt. 3 cts., oz. 20 cts.

LYCHNIS HP

Arkwrightii. HP. A decided acquisition for the herbaceous border. Of upright habit and covered with blooms of many delightful shades. Pkt. 25 cts.

Haageana Hybrids. HP. Beautiful shades in mixture. Flowers are in form like a Maltese cross. They are suitable for borders and rockwork. 1 foot. Pkt. 10 cts., ⅛oz. 25 cts.

MARVEL OF PERU, or **Four-o'Clock** (*Mirabilis Jalapa*). Sweet-scented, many-colored flowers. Open in the afternoon and fade next morning; very free-flowering. Nice for beds and border. Fine varieties, mixed. 2½ feet. Pkt. 5 cts., oz. 20 cts.

MARIGOLD

Old-fashioned annuals, always satisfactory, giving a fine display from midsummer to frost from outdoor-sown seed; for earlier bloom seed should be started in frames.

African (*Tagetes erecta*)

Eldorado. Bright orange flowers, shaded primrose, 3 to 4 inches across. 2 feet. Pkt. 5 cts., ¼oz. 25 cts.

Lemon Queen. Very large, globular, double canary-yellow flowers. Erect, branching habit. 2 feet. Pkt. 5 cts., ¼oz. 25 cts.

Pride of the Garden. Dwarf and bushy; splendid, brilliant, double, large-sized flowers of various shades of yellow. 1¼ feet. Pkt. 5 cts., ¼oz. 25 cts.

Tall Double Mixed. Pkt. 5 cts., ¼oz. 15 cts.

Dwarf Double Mixed. Pkt. 5 cts., ¼oz. 15 cts.

French Marigolds (*Tagetes patula*)

These are very bright and effective in ribbon lines or for edging beds of tall plants.

Legion of Honor. Single; bright yellow with dark crimson spots or blotches; a good bedder. 9 inches. Pkt. 5 cts., ¼oz. 25 cts.

Dwarf Double Mixed. Pkt. 5 cts., ¼oz. 20 cts.

Tall Double Mixed. Pkt. 5 cts., ¼oz. 20 cts.

MAURANDIA Barclayana. HHP. Graceful rapid-growing climbers. Fine for conservatory or outdoors. Also suitable for hanging-baskets and vases. Choice mixed. Pkt. 10 cts.

MECONOPSIS integrifolia. HP. A striking, large, yellow-flowered Poppy from Thibet, producing from 6 to 10 large, pure yellow flowers, 6 inches in diameter. Protect in winter. Pkt. 25 cts.

MIMOSA PUDICA. TA. The interesting Sensitive Plant, the leaves of which fold as soon as touched. A neat ornamental plant for the house. 1 to 2 feet. Pkt. 5 cts., ¼oz. 20 cts.

MESEMBRYANTHEMUM TA

Interesting dwarf ornamental foliage plants of great beauty; love a sunny situation, and bloom all summer.

Crystallinum (Ice Plant). Flowers white; foliage covered with ice-like globules. Pkt. 5 cts., ¼oz. 25 cts.

Tricolor (Wax Plant). Flowers crimson, pink and white. Pkt. 5 cts., ¼oz. 25 cts.

MIGNONETTE (*Reseda odorata*)

A general favorite; indispensable for its delightful fragrance. Seed may be scattered in the borders or any sunny situation that is available. All varieties offered were selected for their superior qualities.

Her Majesty. One of the finest varieties for winter forcing and a great improvement on Defiance. Seed saved from select spikes. Pkt. $1.

New Giant Crimson. Uniform spikes of crimson flowers; fine for forcing; pot-saved seed. Pkt. 25 cts., ¼oz. 50 cts.

Grandiflora Giant. Very fine large spikes of reddish green flowers; fine for forcing. Pkt. 25 cts., ¼oz. 50 cts.

Machet. Of dwarf pyramidal growth. Pkt. 10 cts., ¼oz. 25 cts.

Bismarck. A vigorous grower, forming dense bushes producing stout, broad flower-heads; very sweet. 1 foot. Pkt. 10 cts., ¼oz. 20 cts.

Defiance. Spikes of great length with large flowers; fine cut-flower variety. 1 to 1¼ feet. Pkt. 10 cts., ¼oz. 20 cts.

Goliath. Giant trusses of red flowers, borne on long, heavy spikes. One of the best for growing indoors. 1 foot. Pkt. 10 cts., ¼oz. 25 cts.

Golden Machet. Massive spikes of golden yellow blossoms. Pkt. 10c., ¼oz. 25c.

Sweet-scented (Odorata). The old Mignonette; very sweet-scented. Pkt. 5c., oz. 15c., 2 ozs. 25c., 4 ozs. 45c.

Mignonette, Golden Machet

MIMULUS HHP

Moschatus (Musk Plant). A very nice plant for pots or hanging-baskets; fragrant. Pkt. 10 cts.

Tigrinus grandiflorus. Very beautiful, large-flowered Monkey Flower, tigered and spotted; very showy. 9 inches. Pkt. 10 cts.

MINA lobata. Beautiful climber with flowers borne in twin sprays. The buds are bright red and orange-yellow at opening, and pale yellow when in full flower; very showy. Pkt. 5 cts.

MOMORDICA

Charantia (Balsam Pear). **TP.** Ornamental vine for trellis, etc.; the flowers are followed by pear-shaped golden yellow, warty fruits. 10 feet. Pkt. 5 cts., oz. 35 cts.

Balsamina (Balsam Apple). Apple-shaped fruits, with glossy green foliage. Pkt. 5 cts., oz. 35 cts.

MUSA Ensete (Abyssinian Banana). **TP.** A large, fine foliage plant. Seeds sown in the heat will produce fine plants the first season; a showy pot-plant where subtropical effect is desired. Pkt., 10 seeds, 25 cts.; 25 seeds, 50 cts.

MYOSOTIS (Forget-me-not) HP

Some are lovely plants for moist and shady situations. The Myosotis may all be lifted in fall and potted for winter and spring flowering. We offer the choicest varieties, which will give very nice results in the garden.

Alpestris, Victoria. Dwarf and bushy. Also very early, flowering eight to ten weeks after sown; large, bright blue flowers. Pkt. 10 cts., ⅛oz. 30 cts.

Alpestris, Mixed. Pkt. 5 cts., ¼oz. 30 cts.

Argentina. Very free and large-flowering white form of Ruth Fischer. Pkt. 25 cts.

Dissitiflora, Perfection. New. Extra-large flowers twice the size of the type; light blue; very fine. Pkt. 25 cts., ⅛oz. 50 cts.

Ruth Fischer. A decided improvement. Elegantly formed blue flowers, the individual heads 2 to 5 inches across; compact habit. The finest pot Myosotis to date. Pkt. 25 cts.

Palustris. The true "Forget-me-not." Bright blue flowers. 6 inches. Pkt. 10 cts., ⅛oz. 40 cts.

Nigella, Miss Jekyll

NIGELLA HA

Elegant flowers partially inclosed in fine-leaved bracts. Seed-pods of some are curiously horned; the black seeds are aromatic.

Damascena. Compact, free-flowering; foliage finely cut; flowers blue. Pkt. 5 cts., oz. 30 cts.

Damascena fl.-pl., Miss Jekyll. Neat, fennel-like foliage; beautiful, sky-blue flowers; fine for cutting. 1½ feet. Pkt. 10 cts., ¼oz. 25 cts.

Tall Nasturtiums

NASTURTIUMS HHA

Tall (*Tropaeolum majus*)

These popular flowering plants thrive in a poor, dry soil, making a quick growth, and are very useful for screening or quickly covering waste spots, etc. The colors are well-nigh indescribable. Some of the newer varieties present most gorgeous colors. The variegated section will also be found elegant, in some the foliage having gold, in others silver, variegation, being very ornamental, even before the beautiful contrast with flowers is presented. Growth 6 to 8 or 10 feet.

Any of the following varieties, pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts.

Butterfly. Lemon-yellow, with petals marked dark red.
Chameleon. Various richly colored flowers on the same plant.
Coccinea. Bright scarlet.
Fashion. Light crimson-rose flowers.
Hemisphericum. Straw-color, blotched rose.
Jupiter (Sunlight). Large, golden yellow flowers.
Moonlight. Very light cream flowers of largest size.
Midnight. Foliage very dark green, flowers deep brownish red.
Prince Henry. Lemon-yellow, carmine-spotted.
Salmon Queen. Rich shade of salmon; foliage dark green.
Twilight. Large, salmon-rose flowers, suffused scarlet.
Velvet Foliage. Foliage dark and velvety; flowers crimson.

IVY-LEAVED, MIXED. Leaves delicate English-ivy form; flowers of delicate fringed formation. Pkt. 5 cts., oz. 20 cts.

VARIEGATED-LEAVED, MIXED. Produce, even without the flowers, a splendid effect. The flowers, however, are as beautiful as the preceding class. Pkt. 5 cts., oz. 20 cts., 4 ozs. 60 cts.

BECKERT'S SUPERB MIXTURE OF FANCY GIANT-FLOWERING VARIETIES. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts., lb. $1.25.

FINE MIXED. Oz. 10 cts., 4 ozs. 30 cts., lb. $1.

Lobb's Tall Nasturtiums

Profuse bloomers, but not so rank in growth as the preceding.

Each, pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts.

Black Prince.
Battle Giant.
Crystal Palace.
Golden Garnet.
King of Blacks.
Madame Gunther Hybrids.

BECKERT'S SUPERB MIXTURE OF LOBB'S TALL NASTURTIUMS. Pkt. 5c., oz. 15c., 2 ozs. 25c., 4 ozs. 40c., lb. $1.25.

FINE MIXED. Oz. 10 cts., 4 ozs. 30 cts., lb. $1.

Dwarf or Tom Thumb Nasturtiums

Dwarf or Tom Thumb Nasturtiums

Most excellent bedding plants, that seem to thrive best in a poor, rather dry soil, which disposes to less and smaller foliage and more bloom. Rich ground will produce a very strong growth, tending to throw the flowering season quite late. Their value for cut-flowers is one of their chief merits. The new variegated forms are the result of great care in selection.

Any of the following varieties, pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts.

Aurora. Chrome-yellow, veined purplish crimson.
Beauty. Flowers yellow and scarlet; bright.
Chameleon. Splashed crimson, bronze and yellow.
Crystal Palace Gem. Sulphur, spotted maroon.
Deep Scarlet. Bright, vivid scarlet.
Empress of India. Brilliant crimson; dark foliage.
General Jacqueminot. Crimson-scarlet; foliage dark green.
Golden King. Large flowers; deep golden yellow.
King of Tom Thumbs. Bright scarlet; dark green foliage.
King Theodore. Flowers crimson-maroon. Dark foliage.
Prince Henry. Spotted leaves; bright crimson-scarlet flowers.
Ruby. Ruby-red, salmon-tinted.
Rudolph Virchow. Soft rosy pink.
Vesuvius. Very fine salmon-red.

IVY-LEAVED, MIXED. All colors in Nasturtiums, with ivy-like foliage. Pkt. 5 cts., oz. 20 cts.

VARIEGATED-LEAVED, MIXED. Foliage handsomely variegated. Flowers in bright colors. Pkt. 5 cts., oz. 20 cts., 4 ozs. 60 cts.

BECKERT'S SUPERB MIXTURE OF TOM THUMB NASTURTIUMS. Pkt. 5c., oz. 15c., 2 ozs. 25c., 4 ozs. 40c., lb. $1.25.

FINE MIXED. Oz. 10 cts., 4 ozs. 30 cts., lb. $1.

LILLIPUT. Charming new class recently introduced; leaves and flowers very small. Fine colors. Choicest Mixed, pkt. 5c., oz. 25c.

NICOTIANA (Tobacco) HHA

The following varieties are beautiful flowering plants and handsome for borders.

Affinis. A lovely white flower that opens mornings and evenings and during cloudy weather. 2½ to 3 feet. Pkt. 5 cts., ¼oz. 25 cts.

Affinis hybrida grandiflora. Large-flowering, sweet-scented hybrids, ranging through many shades. Pkt. 10 cts., ¼oz. 35 cts.

Sanderæ. Beautiful, long, tubular flowers; deep carmine-red. Pkt. 10 cts., ¼oz. 25 cts.

Sanderæ Hybrids. Flowers large; colors are all fine. White, crimson, flesh, purple, rose-violet, blood-red, forming a beautiful mixture. Pkt. 10 cts., ¼oz. 35 cts.

Sylvestris. The long, tubular, white flowers droop in racemes over the foliage, are very sweet, and do not close during the day. 5 to 6 feet. Pkt. 10 cts., ¼oz. 25 cts.

NEMESIA strumosa grandiflora. HHA. This is a large-flowered, dwarf, bushy strain in charming mixture. Delightful little plants for edging; free-flowering and blooming for a long time. 6 inches. Pkt. 15 cts.

NEMOPHILA. Handsome annuals for beds, edging or rockwork. They are of trailing habit. May be sown in spring or fall. Mixed, pkt. 5 cts.

NIEREMBERGIA frutescens (Cup Flower). **HHP.** Graceful, feathery foliage; colors white to blush, yellow center. 1 foot. Pkt. 10 cts.

ŒNOTHERA (Evening Primrose). Blooms all summer and very freely. Opens in the evening and lasts well during the next day. **Afterglow. HP.** Yellow with brilliant red calyx; very attractive. Pkt. 15 cts.

OXALIS tropæoloides (Wood Sorrel). Brownish foliage; small, yellow flowers. Fine for its foliage effect in bedding and good for pots and baskets. 1 to 3 feet. Pkt. 10 cts., ⅛oz. 25 cts.

PANSIES (Heartsease) HP

Pansies, while preferring a light, rich soil and a partially shady, cool and moist situation, producing, under such ideal conditions, large magnificently colored flowers, will nevertheless thrive under less favorable surroundings. In fact, almost any soil and situation will give good returns. If planted in full sun exposure, mulch beds during the hot term and water freely; the delicate tints may be partially neutralized, and flowers will not attain full size, yet a very rich and continuous display may be had which in fall will almost equal the early spring show. Faded flowers must be removed every few days to prevent seeding. Seed may be sown from July to September, and these plants, protected over winter, will flower early in spring and continue throughout the season. Spring-sown seed will flower from summer to fall. We offer a very complete collection of varieties and strains embracing "All That's Good in Pansies."

PAMPHLET ON PANSY-CULTURE FREE

Pansies, Curled Masterpiece

Finest Show Pansies

Beckert's Superb Mixture. Our own blending of Show and Giant varieties. Pkt. 50 cts., ⅛oz. $1.50, oz. $10.

Choice Mixture. Large-flowering varieties. Pkt. 25 cts., ⅛oz. 80 cts., oz. $6.

Bugnot's Giant Spotted. Large, superb flowers, with broad blotches, the petals finely lined in great diversity of rarest colors. Pkt. 25 cts.

Cassier's Superb Strain. Large, round flowers; colors rich and varied. Pkt. 25 cts.

Masterpiece (Germania). Every petal is conspicuously undulated and curled, and the flowers are among the largest. Among these Pansies are also found some lovely tints of color not met with in other strains. Pkt. 25 cts.

Princess. Strikingly erect habit. Stalks strong, rising vertically from the roots. Flowers in an extensive range of colors, mostly of the large-flowered, blotched, and frilled type. Pkt. 25 cts.

World's Record. New, early giant-flowering strain, which blooms very early when other varieties are still dormant.

Celestial Queen. Lovely sky-blue with little marking. Pkt. 25 cts.

Ice King. Beautiful silvery white with black center. Pkt. 25 cts.

March Beauty. Deep velvety blue. Extra-large flowers. Pkt. 25 cts.

Winter Sun. Splendid bright yellow with dark center. Pkt. 25c.

Giant Trimardeau Pansies

Beautiful class of vigorous and compact growth. Flowers of largest size.

All Trimardeau varieties, pkt. 10 cts., ¼oz. 85 cts., oz. $3

Adonis. Light blue.
Andromeda. Rosy lavender.
Atropurpurea. Blackish purple.
Emperor William. Ultramarine-blue.
Golden Queen. Pure yellow.
Golden Yellow. Dark eye.
Hortensia. Shades of rose.
Lord Beaconsfield. Lavender and purple.
Snow Queen (Snow-flake). Satiny white.
Striata. Striped varieties mixed.
White. With violet eye.
TRIMARDEAU, MIXED. Pkt. 5 cts., ¼oz. 70 cts., oz. $2.50.

PENTSTEMON HP

Many of these plants are hardy on dry soil. They are herbaceous and make fine plants for the border; clumps produce a splendid show.

Sensation (Gloxinioides). A giant gloxinia-flowered variety. Plants attain a height of 2 feet, every branch being a spike of large flowers 2 inches across. The colors and markings range from pink to scarlet and maroon, veined and blotched with other colors. Blooms from midsummer until frost. Pkt. 15 cts.

Choice Mixture of Many Varieties. Pkt. 5 cts.

PETUNIA HHA

Hybridizing has accomplished wonders in this as in other genera of plants. But a few years back it was deemed imperative to secure in fall stock plants of all desirable varieties. At the present day this would be a waste of time and space, as the excellent strains of seed now offered fulfil all wants. Single- and double-flowering, plain or fringed petals, tall or dwarf growth, may all be had remarkably true from seed, and with these go a degree of vigor that is lacking in plants propagated by cuttings. Petunias are valuable as pot-plants, particularly adapted for vases, baskets, window-boxes, etc., and the dwarf varieties are leaders for bedding. For the latter purpose February and March sowings will be timely. We offer in the following list only the very best strains.

Double-Flowered Petunias

Large-Flowering, Double, Fringed, Mixed. A superb mixture of finely fringed varieties in many colors. Pkt. 50 cts.

Marvelous Double. Never surpassed in beauty, size, form, or color, if ever equalled. Some flowers measure 5 inches across, none less than 3 inches. They are fluted, frilled, ruffled, and pinked in many forms and colors. Pink, Pure White, Violet, Lavender, Mauve, Crimson, plain, and shaded with variegations in all these shades innumerable. Pkt. $1.

Single-Flowered Petunias

Large-flowering, Fringed. An unsurpassed mixture from carefully fertilized show flowers. Pkt. 25 cts.

Giants of California. Large, fluffy blossoms, handsomely fringed, and ruffled. Very free-flowering. White, rose, crimson, black, etc. Mixed, pkt. 25 cts.

Ruffled Giants. A distinct class with very large flowers, which are deeply ruffled and fluted; elegant. Pkt. 25 cts.

Ruffled and Fringed Giants. Exquisitely fringed and ruffled on the edges, and of immense size, in endless varieties of colors, markings, veinings, blotches and stripings, with deep throats of maroon, yellow, white, black, or green. Pkt. 25 cts.

Howard's Star. Very free-flowering. A blush-pink star on maroon ground. Pkt. 10 cts. ⅛oz. 50 cts.

Large-flowering Fringed Petunias

Dwarf Inimitable, Compacta multiflora. Only 6 inches high and completely covered with flowers. Fine for edging. Pkt. 10 cts., ⅛oz. 40 cts.

Rosy Morn (Erfordia). A lovely rose shade with yellowish throat; bushy and very free. 6 inches. Good edging variety. Pkt. 10 cts., ⅛oz. 75 cts.

Snowball. Another beautiful, dwarf, pure white variety; sweet-scented. 6 inches. Pkt. 10 cts., ⅛oz. 50 cts.

Queen of the Roses. A very pretty dwarf-growing variety, excellent for bedding and an ideal pot-plant. Pkt. 50 cts.

Balcony. New varieties with medium-sized flowers. Specially adapted for hanging-baskets, verandas, windows, etc. Dark Red, Rose, and White. Each, pkt. 25 cts.

Brilliant. Brilliant carmine-pink flower. Beautiful dwarf compact variety. Pkt. 10 cts., ⅛oz. 75 cts.

Undine. Beautiful azure-blue flowers which merge into lilac at the margin. Excellent as a pot-plant and good for the border. Pkt. 25 cts.

Inflata. Small, very profuse-flowering, trailing variety. Branches attain a length of 2 to 3 feet, densely covered with fragrant, lovely, purplish carmine flowers with violet throat. Fine for baskets, vases, etc. Pkt. 25 cts.

Feltham Beauty. Flowers in a great variety of colors, white to deepest rose. Plant 1 foot in height, very compact and floriferous. Pkt. 25 cts.

Fine Mixed. Pkt. 5 cts., ¼oz. 25 cts., oz. 75 cts.

PLATYCODON grandiflora (Chinese Bellflower). **HP.** Large, broad, bell-shaped flowers; fine for the border. Deep blue and white mixed. 1¾ feet. Pkt. 10 cts., ¼oz. 40 cts.

PORTULACA (Purslane Family)

These are succulent plants that delight in light, dry soil in a sunny situation, blooming profusely during the hottest weather and producing a gorgeous display. The seed should be sown where wanted and thinned out as required, the plants being of a spreading character. 6 inches.

Single Finest Mixed. In numerous rich colors. Pkt. 5 cts., oz. 40 cts.

Double Mixed. Extra-fine quality. A large percentage of the flowers come double. Pkt. 10 cts., ¼oz. 60 cts.

LAWN GRASS SEED. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady-Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed and for directions how to make a lawn.

Shirley Poppies

POPPIES (Papaver)

Annuals and hardy perennials. Poppies are unsurpassed for brilliancy of color, and, from the charming little Shirley to the gorgeous peony-flowered, are subjects of lavish admiration. As they do not transplant satisfactorily, it is advisable to sow them where they are to remain. Many of them are elegant for cutting, particularly the Shirleys; these, if picked early in the morning with buds just showing color, will be found durable for two days or more.

Single Annual Poppies

Admiral. A peony-flowered white, with a broad band of brilliant scarlet around the top; very showy and very fine for use as a cut-flower. Pkt. 5 cts., ¼oz. 20 cts.

Shirley Improved. This is a charming class of Poppies, all white-centered, and running through many beautiful shades of rose, salmon, apricot, pink, etc., to glowing crimson. This is an elegant variety for cutting. 2 feet. Pkt. 5 cts., oz. 40 cts., 4 ozs. $1.50.

Scarlet. Color scarlet of intense shade, with glittering black spot at the base of each petal. 1 foot. Pkt. 5 cts., oz. 40 cts.

The Bride. Elegantly fringed; single; pure white. 2½ feet. Pkt. 5 cts., oz. 25 cts.

Tulip (Glaucum). Dazzling scarlet; cup-and-saucer form. Different from all other Poppies and of unique interest in form and color. Pkt. 5 cts., ¼oz. 25 cts.

Single-flowered, Mixed. In very fine mixture. Pkt. 5 cts., oz. 20 cts.

Double Annual Poppies

Carnation-flowered. A splendid border variety. Large, very double, fringed flowers in brilliant colors. 2½ feet. Pkt. 5 cts., oz. 25c.

Double Shirley (Ranunculus-flowered). Beautiful bright double flowers. Pkt. 5 cts., oz. 40 cts.

Mikado. Each blossom is a large fluffy ball, pure white at base, with crimson tips. 2½ feet. Pkt. 5 cts., oz. 25 cts.

The Fayal. Flowers double and single. All shades of red, pink, maroon, and white. Pkt. 10 cts.

White Swan (Snowdrift). Very large, double, white, beautifully fringed. 2 feet. Pkt. 5 cts., oz. 25 cts.

Double-flowered, Choice Mixed. Many varieties. Pkt. 5 cts., oz. 25 cts.

Perennial Poppies

These varieties may be sown from July to September to flower the following season, though the Alpine and Iceland families will flower the first season from seed sown in February.

Alpine, Fringed. These are charming little flowers with single fringed or fluted petals. Colors are white, salmon, rose and orange in mixture. 60 per cent come true. 9 inches. Pkt. 25 cts.

Bracteatum. Immense, blood-red flowers with black blotches at base of each petal; very fine variety. 4 feet. Pkt. 10 cts., ¼oz. 25c.

Iceland (Nudicaule). Very graceful, dwarf plants containing over twenty shades. 1 foot. Pkt. 10 cts., ¼oz. 25 cts.

Oriental. Gigantic dark scarlet flowers. Pkt. 10 cts., ¼oz. 25 cts.

Oriental Hybrids, Mixed. A splendid mixture of all colors. Pkt. 10 cts., ¼oz. 50 cts.

Pure Satiny White. With crimson blotch at base of each petal. Pkt. 20 cts.

Colosseum. Glowing deep scarlet; of enormous size. Pkt. 10 cts.

Mammoth. Gigantic; fiery dark scarlet. Pkt. 10 cts.

Prince of Orange. Orange-scarlet. Pkt. 10 cts.

Princess Victoria Louisa. Magnificent salmon-pink. Pkt. 10 cts.

Queen Alexandra. Brilliant salmon-red. Pkt. 10 cts.

Excelsior. Ranging from delicate salmon to deep rose. Pkt. 10 cts.

PHLOX DRUMMONDII

Flame Flower

A very beautiful and useful class of half-hardy annuals. They are so many-hued, brilliant, varied and lasting, that few rivals are to be found for effectiveness from July to fall. To secure good results, they should be sown or planted in well-drained soil and thinned out at an early stage to secure sturdy plants. Full sun exposure suits them best, as in wet or shady situations they are subject to mildew. Seed may be sown outdoors in April and May, or earlier indoors and transplanted. All faded trusses of flowers should be removed before they go to seed.

Phlox Drummondii

Phlox Drummondii grandiflora

A great improvement on the old tall varieties, having large, round florets with distinct eyes; are very fine bedders and useful for cuttings. 1 to 1½ feet apart is not too much space for good soil. 1 foot.

Alba. Flowers pure white. Pkt. 10 cts., ¼oz. 40 cts.

Alba purpurea. White, purple eye. Pkt. 10 cts., ¼oz. 40 cts.

Brilliant. Rose, with dark eye. Pkt. 10 cts., ¼oz. 40 cts.

Chamois-Rose. With a white eye. Pkt. 10 cts., ¼oz. 40 cts.

Isabellina (Lutea). Flowers yellow; distinct; borne very profusely. Pkt. 10 cts., ¼oz. 40 cts.

Kermesina. Rich crimson. Pkt. 10 cts., ¼oz. 40 cts.

Meteor. Brilliant scarlet. Pkt. 10 cts., ¼oz. 40 cts.

Shell-Pink. Pkt. 10 cts., ¼oz. 40 cts.

Cuspidata and Fimbriata, Mixed. Starred and fringed varieties mixed. Pkt. 10 cts., ¼oz. 40 cts.

Large-flowering, Finest Mixed. Pkt. 5 cts., ¼oz. 30 cts., oz. $1.

Phlox nana compacta

Dwarf; compact. These are elegant for beds, edging, and nice for pot-plants. They may be planted or thinned to 8 inches space. They will average 6 inches in height.

Grandiflora (Cecily Phloxes). These dwarf varieties have flowers equally as large as the Grandiflora class. Very handsome for bedding. 6 inches. Finest Mixed. Pkt. 10 cts., ⅛oz. 50 cts.

Chamois-Rose. Pkt. 10 cts., ⅛oz. 30 cts.

Fireball. Scarlet. Pkt. 10 cts., ⅛oz. 30 cts.

Snowball. White. Pkt. 10 cts., ⅛oz. 30 cts.

Choice Mixed. Pkt. 5 cts., ¼oz. 50 cts.

Hardy Phlox

Decussata grandiflora. HP. Fine, new, large-flowering varieties in splendid mixture. These make a wonderful show if planted in clumps or masses. Seed germinates slowly and irregularly over a period of six months or more. Herbaceous. 3 feet. Pkt. 25 cts., ¼oz. 60 cts.

PRIMULA SINENSIS TP

Chinese Primrose

Beautiful house plants that are quite readily grown from seed, which should be sown thinly so that earliest plants may be removed, without disturbing seed that will germinate later. Full directions for their care are printed on the seed packets.

Primula Sinensis, Giant Pink

Primula obconica gigantea

Giant-Flowering Fringed Primulas

Giant Pink. Enormous flowers; very delicate, striking pink; very solid large petals. Erect, vigorous habit. Pkt. 50 cts.

Giant White (Lady Randolph Churchill). Flowers as large as the preceding, and plants of similar habit. Pkt. 50 cts.

Giant Red. Rich, velvety crimson. Pkt. 50 cts.

Giant Salmon. Very large, deep salmon-rose flowers. Pkt. 50 cts.

Giant Blue. Very large and solid flowers, rich light blue, well fimbriated and free-flowering. Pkt. 50 cts.

Giant Crimson. Pkt. 50 cts.

Giant Soleil d'Empel. Pure white with yellow stars. Dark brown stems. Pkt. 50 cts.

Giant Mixed. Superb mixture. Pkt. 50 cts.

Fimbriata, Single. Choice mixed. Pkt. 25 cts.

Fimbriata, Double. Choice mixed. Pkt. 50 cts.

STAR PRIMULAS (*Primula Sinensis stellata*). A beautiful new class. Very fine as pot-plants or for cutting, for which use they are most excellent, remaining fresh for many days. 2 feet. Mixed, pkt. 50c.

KEWENSIS. This is a beautiful addition, originated at the Kew gardens. A robust grower, and flowers in quite a small state, and in established plants is almost continually in bloom. Colors very rich yellow; flower-spikes 10 to 18 inches high with blooms produced in successive whorls. Elegant pot-plant, and fine for cutting. Pkt. 50c.

OBCONICA. A good variety for pot-plants for decorative use, blooming from autumn to spring. May also be used outdoors. The Gigantea is a giant type of higher perfection; flowers nearly as large as those of the Chinese Primrose. Each, pkt. 50 cts.

Grandiflora alba. White.
Grandiflora lilacina. Lilac.
Gigantea. Carmine.
Gigantea rosea. Rose.
Gigantea rubra. Red.
Gigantea, Mixed.

Eureka. Akin to Obconica, but of an entirely new form. The compact flower-heads have more the appearance of *Primula Sinensis.* Large well-shaped flowers, with broad overlapping petals, curved well above the foliage on stout stems. Of a rich glossy carmine shaded cerise, with a well-defined, clear yellow eye. Foliage quite distinct; bright glaucous green in color, undulated and frilled. Pkt. $1.

Chenies' Giant Hybrids. Plants very robust and of compact habit, producing high trusses of flowers that stand well above the foliage, the individual flowers often measuring 2 to 2½ inches across, and ranging in colors from dark crimson and carmine to beautiful shell-pink. Pkt. 75 cts.

Chenies' Large-flowering Blue. A fine strain. Flowers not quite so large as those of the preceding variety. Of a delightful blue shade and produced in great profusion. Pkt. 75 cts.

Lawn Grass Seed. Use our Evergreen Lawn Grass Seed. If sown early in the spring it will produce a good lawn by midsummer.

Half-Hardy Primulas

Useful for pot culture or for rockeries and borders. While hardy under favorable conditions of soil and moisture, it is prudent to protect them over winter, particularly against saturation of soil by water.

Auricula. Vigorous and possessing a wonderful range of colors and shades. 1 foot. Pkt. 25 cts.

Elatior (Polyanthus). Attractive early spring-flowering variety, either for the house or outdoor culture. **Giant Crimson, Giant White,** and **Giant Yellow.** Each, pkt. 25 cts.

Veris elatior, Choice Mixed. Pkt. 20 cts.

Japonica, New Hybrids. Vigorous, large-leaved, and about 18 inches high, throwing a tall flower-stem. Colors vary from blush-white to crimson and maroon, and of many pleasing shades. Pkt. 15c.

Malacoides. A giant Baby Primrose from China. Foliage light green, deeply waved and fringed. The numerous flower-stems grow to a height of 6 to 10 inches; flowers light lilac, produced in profusion; fine pot-plants. Pkt. 25 cts.

Malacoides alba. A pure white variety of recent introduction. Pkt. 25 cts.

Malacoides superba. Flowers larger and much deeper than the old Malacoides, being deep rosy pink. Fine for winter blooming. Pkt. 50 cts.

Vulgaris (English Primrose). This is the pale yellow, sweet-scented variety. 6 inches. Pkt. 10 cts., ¼oz. 50 cts.

PYRETHRUM HP

Roseum hybridum grandiflorum. These are new large- or giant-flowered single varieties, ranging from light pink to carmine-red. They are elegant for cutting and plants are perfectly hardy. Mixed colors. 2 feet. Pkt. 15 cts., ⅛oz. 40 cts.

Hybridum flore-pleno. Finest double hybrids. Seed saved from the finest collection. Only a portion of the plants will produce double flowers the first season. Pkt. 25 cts.

Foliage or Bedding Varieties TP

Parthenifolium aureum. The well-known Golden Feather. Valuable for bedding, etc. 6 inches. Pkt. 5 cts., ¼oz. 20 cts.

Parthenifolium aureum selaginoides. The beautiful Fern-leaved Golden Feather. 5 inches. Pkt. 5 cts., ¼oz. 25 cts.

Salvia splendens

RICINUS (Castor-Oil Plant) HHA

Nothing we offer surpasses these in subtropical effectiveness. Some will very easily reach a diameter of 10 to 12 feet, and others a height of 15 feet or more, according to treatment. They respond quickly to feeding and watering, and by removing side growths they will soon screen a window or sunny side of a porch. Beautiful as a solitary plant or in groups. For quickest results start seeds in pots.

Borboniensis arboreus. Tree-like variety with giant leaves. One of the most imposing varieties. 15 feet. Pkt. 5 cts., oz. 25 cts.

Cambodgensis. Beautiful, dark foliage and stems almost black. 5 to 8 feet. Pkt. 5 cts., oz. 25 cts.

Gibsonii. Dark purple leaves and stems; of dwarf habit. 4 feet. Pkt. 5 cts., oz. 25 cts.

Gibsonii mirabilis. Both stem and foliage a rich, dark brown; the young leaves very glossy; fruits are remarkably bright carmine. 4 feet. Pkt. 5 cts., oz. 30 cts.

Panormitans. Particularly attractive on account of its sturdy, erect growth and symmetrical outline. The stem, leaf-stalk and fruit-capsules are covered with a plum-like bloom. The deeply lobed leaves, 2½ feet and more across, on 2-foot leaf-stalks, are lustrous bronze in young state, maturing to an olive-green, the midrib and veins being deep red. 6 to 8 feet. Pkt. 5 cts., oz. 30 cts.

Sanguineus (Obermannii). A very ornamental variety; stalk and fruit-vessels blood-red. 8 feet. Pkt. 5 cts., oz. 25 cts.

Zanzibarensis, Mixed. All beautiful varieties for specimen plants or groups. It is claimed for Castor plants that they drive away or disperse moles, the odor of the roots being offensive. Pkt. 5 cts., oz. 20 cts.

SALVIA (Sage)

Mainly half-hardy perennials. Most satisfactory bedding plants, the newer varieties all blooming from July to frost. A sunny situation in ordinary soil suits them best, over-rich soil tends to over-growth with later and fewer flowers. 1½ to 3 feet.

Bonfire. Compact in growth; spikes erect, brilliant scarlet in color. 2 feet. Pkt. 10 cts., ⅛oz. 40 cts.

Fireball. Semi-dwarf, 1½ to 2 feet in height, and very bushy; very free and early; splendid bedder. Pkt. 10 cts., ⅛oz. 60 cts.

Splendens (Scarlet Sage). Tall variety, very rich and free; late. 2 feet. Pkt. 5 cts., ¼oz. 50 cts., oz. $1.75.

Ostrich Plume. A beautiful new variety. In habit the plant resembles *Salvia splendens.* The flowers are in plumes instead of spikes. The plumes are large and produced profusely. Color of flower brightest scarlet—more so than other scarlet Salvias. Pkt. 10 cts., ⅛oz. 60 cts.

Scarlet Dragon. A splendid bright scarlet bedding Salvia. Flowers nearly twice the size of other varieties. The plant attains a height of 3 feet and becomes 3 feet in diameter. When at its best, it is a mass of blooms. Pkt. 10 cts., ⅛oz. 50 cts.

King of the Carpets. The plant attains a height of 16 to 18 inches and is round and bushy in habit. The bright red spikes are produced in great profusion and quite early in the season. Pkt. 25 cts., ⅛oz. 75 cts.

Drooping Spikes. Resembles Splendens in size and color, but the spikes are larger and droop in a graceful manner, which is very noticeable. This is the only variety that has the drooping habit. Pkt. 10 cts., ⅛oz. 60 cts.

Zurich, or **Lord Fauntleroy.** A new dwarf, free- and early-flowering variety. A splendid bedder. 1½ feet. Pkt. 15c., ⅛oz. 75c.

Farinacea. HP. Sow seed in open ground in May. Blooms from July to frost. Flowers beautiful light-blue, borne on long spikes. 2 feet. Pkt. 10 cts.

Patens. HP. A lovely blue; very rich. A fine border species. 3 feet. Pkt. 25 cts.

SCABIOSA

Mourning Bride; Pincushion Flower

Extremely free-flowering plants. Splendid for beds and borders. Seed sown in July and August will make nice winter-flowering plants.

Large-flowering, Double. It is a constant and free bloomer, the plants being masses of color thoughout the summer months. Faded flowers should be removed to husband the strength of plants. 3 feet. Azure Fairy, White, Flesh, Rose, Lilac, Cherry-Red, Brick-Red, and King of Blacks (very deep purple and crimson). Each, pkt. 10 cts., ¼oz. 25 cts.; Mixed, pkt. 5 cts., ¼oz. 20 cts.

Large-flowering, Double, Semi-Dwarf. Very nice for beds. 1 foot. Mixtures of white, lilac, black-purple and fiery red. Pkt. 5 cts., ¼oz. 20 cts.

Caucasica. HP. These are elegant perennial varieties, that flower the first season from early-sown seed. Pkt. 10 cts., ⅛oz. 35 cts.

Japonica. HP. Beautiful lavender-blue flowers, borne on long stems. Fine for cutting; plants bushy. 2½ feet. Pkt. 10c., ¼oz. 30c.

Schizanthus

SCHIZANTHUS (Butterfly Flower) HHA

The sight of a few well-grown plants would induce or tempt a novice to grow them. They are simply elegant for decorative use in pots or for cutting. The buds open in water and the sprays last for a week. Best plants are grown from August- to September-sown seed; with cineraria treatment success is assured. May also be sown at intervals for succession.

Wisetonensis, Bridal Veil. A pure white form of Wisetonensis. Pkt. 25 cts.

Wisetonensis, Excelsior. Mammoth-flowering, with markings and colorings such as are found in fancy Pelargonium. Ground-colors white, rose, or buff. Fine for greenhouse culture. Pkt. 50 cts.

Monarch. One of the finest large-flowering strains in existence, embracing a wide range of colors from almost pure white through delicate shades of pink to bright rose and crimson, also exquisite mauve and lavender tints. Many beautifully blotched and penciled various darker shades, including bronze and chocolate. Plant is of a fine compact habit. Pkt. 50 cts.

Hybrida grandiflora. Flowers very large and in a good variety of colors. Pkt. 10 cts.

SALPIGLOSSIS

A gorgeous display is given by these plants during the hot days and drought of July and August. Their coloring is wonderfully rich, and the funnel-shaped flowers are marvelously painted and penciled, having the appearance of numerous overlapping petals. A most satisfactory plant for quite dry situations; also a fine pot-plant. 2½ to 3 feet.

Grandiflora. Light Yellow, Crimson, Primrose, Purple and Gold, Rose and Gold, Scarlet and Gold, and White and Gold. Each, pkt. 10 cts., ¼oz. 50 cts.; Mixed, pkt. 10 cts., ¼oz. 40 cts.

Emperor. This type has only one main stem, bearing on its summit a large cluster of beautiful flowers of immense size. Finest mixed colors. Pkt. 10 cts., ¼oz. 40 cts.

SILENE

Orientalis. HP. A robust border plant, with many heads of bright rose flowers, having a clove odor; nice for cutting. 2½ feet. Pkt. 5 cts., ¼oz. 25 cts.

Pendula. HA. Splendid for spring bedding. Mixed. Pkt. 10 cts.

Pendula rosea. Dwarf, rose. Pkt. 5 cts.

Pendula delicata fl.-pl. Delicate double rose flowers. Pkt. 10c.

Schafta. HP. A very showy trailing perennial variety. Flowers rosy purple. Pkt. 10 cts.

SHAMROCK. True seed; imported from Ireland. Pkt. 10 cts.

SOLANUM Capsicastrum nanum (Jerusalem Cherry). **TA.** Handsome dwarf plant with abundance of ornamental scarlet berries. 1 foot. Pkt. 10 cts.

SMILAX (Myrsiphyllum). TP. This popular decorative vine of the florists is readily grown from seed, and will attain a height of 6 to 12 feet. Should have a rich soil. Most suitable for conservatory. Pkt. 10 cts., ¼oz. 25 cts.

STATICE incana. HP. A beautiful variety of Sea Lavender; fine for cutting. 1½ feet. Pkt. 10 cts.

STEVIA serrata. TP. Large heads of small, cream-white, sweet-scented flowers; very useful for cutting and combining with other flowers in bouquets. 1½ feet. Pkt. 10 cts.

SWEET WILLIAM (*Dianthus barbatus*) HB

Produces splendid effects in beds and borders. Widely grown for the handsome showy heads of brilliant flowers.

Holborn Glory. Large, handsome, single flowers, brilliant in color, with white eye and white edge. 1½ feet. Pkt. 10 cts., ¼oz. 25 cts.

Pink Beauty. Single, fine, deep pink. Pkt. 10 cts., ¼oz. 25 cts.

Salmon Queen. Very fine salmon shades. Pkt. 10 cts.

Scarlet Beauty. Intensely deep scarlet. Pkt. 15 cts., ¼oz. 40 cts.

Single White and **Crimson.** Each, pkt. 5 cts., ¼oz. 15 cts.

Single Varieties. Finest mixture. Pkt. 5 cts., ¼oz. 15 cts.

Annuus (Annual-flowering Sweet William). Flowers the first season. Sow early. Finest mixture. Pkt. 10 cts., ⅛oz. 25 cts.

Ever-blooming Sweet William (*D. latifolius atrococcineus fl.-pl.*). **HP.** A very rich crimson flower, double and blooming freely and continuously. Pkt. 10 cts.

Tri-colored Single and Double. This charming new variety shows in nearly equal parts on the same corymbs flowers of different colors, pink, white, pink and bright carmine. Produces single- and double-flowering plants in about equal proportions. Pkt. 25 cts.

Double Varieties. Finest mixture. Pkt. 10 cts., ¼oz. 30 cts.

Double Pink Beauty. A beautiful new double-flowering salmon-pink variety. Pkt. 25 cts.

Sweet William

SWEET PEAS

Improved varieties are coming thick and fast, and many old varieties must of necessity be dropped from the list. Many of the Spencers are very grand Sweet Peas, but not fully fixed in character and not so productive as the older varieties. Their size and form, however, render them very attractive and effective. Our stock is grown for us under most favorable conditions, and will be found true to name and of excellent quality. The seeds should be sown early in spring; or, when the ground is not readily prepared in spring, fall sowing may be made, excepting the white-seeded varieties, which should not be sown until soil becomes quite warm and dry; or they may be started early in pots in greenhouse or frame and planted out as early as the weather permits. White-seeded varieties, which are more tender than the dark-seeded, should be sown in sand to germinate and then transplanted in soil.

PAMPHLET ON SWEET PEA CULTURE, FREE

For 1 lb. or more, desired by mail, add postage at your zone rate

Spencer or Orchid-Flowered

These are beautiful, large, wavy-petaled varieties, three or four flowers to a stem. As they are shy seeders, the price will be proportionately high.

Afterglow Spencer. Distinct violet-blue, shading rosy amethyst; wings rich electric blue. Pkt. 10 cts., oz. 35 cts.

Asta Ohn Spencer. The best lavender; four blossoms to a stem. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Austin Frederick Spencer. Giant lavender. Pkt. 10 cts., oz. 40 cts.

Blanche Ferry Spencer. Bright carmine-rose; wings white. Pkt. 10 cts., oz. 30 cts.

Charles Foster Spencer. A combination of mauve and pink; flowers of largest size, three and four on a stem. Pkt. 10 cts., oz. 35 cts.

Constance Hinton Spencer. Mammoth white, black-seeded. Pkt. 10 cts., oz. 25 cts.

Constance Oliver Spencer. Ground-color buff, suffused with rich salmon-pink; flowers very large. Pkt. 10 cts., oz. 25 cts.

Countess Spencer. Lovely clear pink, darker toward margin; very large flowers. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Dazzler Spencer. Brilliant orange-pink. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Decorator Spencer. Rose, overlaid terra-cotta. Pkt. 10 cts., oz. 30 cts.

Dobbie's Cream Spencer. Beautiful primrose color. Pkt. 10 cts., oz. 25 cts.

Doris Usher Spencer. Soft salmon-cream. Pkt. 10 cts., oz. 25 cts.

Edith Taylor Spencer. Bright salmon-rose. Pkt. 10 cts., oz. 30 cts.

Empress Eugenia Spencer. Gray, flushed lavender. Pkt. 10 cts., oz. 30 cts.

Etta Dyke Spencer. Very large; pure white; waved. Pkt. 10 cts., oz. 25 cts.

Fiery Cross Spencer. Fire-red or scarlet without any shading. Beautifully waved and fluted. Sunproof. Pkt. 25 cts.

Florence Morse Spencer. A light pink-edged Countess Spencer; four flowers to a stem. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Florence Nightingale Spencer. Largest lavender. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

George Herbert Spencer. A beautiful rosy carmine; very fine. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Helen Lewis Spencer. Orange-rose wings which roll and fold; standard crimson-orange, 2 inches across and fluted. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Helen Pierce Spencer. White, marbled blue. Pkt. 10 cts., oz. 30 cts.

Hercules Spencer. Pale rosy pink. of extraordinary size and substance. Pkt. 10 cts., oz. 30 cts.

Illuminator Spencer. Rich, glowing cerise-salmon, slightly suffused with orange-salmon. Pkt. 10 cts., oz. 30 cts.

King Edward Spencer. Bright crimson-scarlet; very large size; large, wavy standard and large, drooping wings. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

King Manuel Spencer. Largest deep maroon. Pkt. 10 cts., oz. 25 cts.

King White Spencer. The best white to date; gigantic in size; pure white and perfect in form. Pkt. 10 cts., oz. 30 cts.

Lady Evelyn Eyre Spencer. Blush-pink, white ground. Pkt. 10 cts., oz. 25c.

Lovely Spencer. Deep pink, shading to buff. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Margaret Atlee Spencer. Rich, glowing pink on cream ground, suffused with salmon on the standards. Pkt. 10 cts., oz. 30 cts.

Margaret Madison Spencer. Clear azure-blue. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Mark's Tey Spencer. Huge maroon standard, blush wings. Pkt. 10 cts., oz. 40 cts.

Martha Washington Spencer. Ground-color pure white, edge of standard and wings deep rose; large size. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Mary Garden Spencer. Rich creamy pink; inclined to duplex. Pkt. 10 cts., oz. 25 cts.

Maude Holmes Spencer. Brilliant crimson flowers of the largest size; flowers waved and three or four on a spray. Pkt. 10 cts., oz. 25 cts.

May Unwin Spencer. Best orange-scarlet. Pkt. 10 cts., oz. 40 cts.

Mrs. Cuthbertson Spencer. Standard rose-pink, wings white; splendid. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Mrs. Hallam Spencer. Apricot and buff. Pkt. 10 cts., oz. 25 cts.

Mrs. Hardcastle Sykes Spencer. Blush-pink; large flowers. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Mrs. Hugh Dickson Spencer. A very large, cream-pink, waved variety. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Mrs. Routzahn Spencer. Soft rose and buff with primrose, distinctly edged rose. Pkt. 10c., oz. 25c., 4 ozs. 75c.

Mrs. Townsend Spencer. White standards and wings edged blue; large and waved. Pkt. 10 cts., oz. 25 cts.

Nubian Spencer. Flowers very large; maroon on deep chocolate. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

Orchid Spencer. Lavender, suffused pink. Pkt. 10 cts., oz. 30 cts.

Primrose Spencer. A pronounced primrose-yellow; large and fine. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.

R. F. Felton Spencer. Deep lavender. Pkt. 10 cts., oz. 25 cts.

Robert Sydenham. Bright orange-salmon. Pkt. 10 cts., oz. 30 cts.

Royal Purple Spencer. Strong, rich purple. Pkt. 10 cts., oz. 25 cts.

SPENCER SWEET PEAS, continued

Rosabelle Spencer. The largest of the deep rose selfs; very large; profuse bloomer. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.
Sankey Spencer. A black-seeded white; flower fully as large as White Spencer. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.
Sincerity Spencer. Rich deep cerise. Pkt. 10 cts., oz. 30 cts.
The President Spencer. Dazzling orange-scarlet. Pkt. 10 cts., oz. 35 cts.
Thomas Stevenson Spencer. Brilliant orange; wings rosy carmine, shaded orange. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.
Vermilion Brilliant Spencer. The most brilliant scarlet variety yet produced. Pkt. 10 cts., oz. 30 cts.
Wedgwood Spencer. Lovely, light blue, waved flowers. Pkt. 10 cts., oz. 30 cts.
White Spencer. Enormous flowers in great quantities, three and four blossoms to a long and strong stem. Pkt. 10 cts., oz. 25 cts., 4 ozs. 75 cts.
Superb Mixed Spencers. A splendid and well-blended mixture of all true Spencer types only. Pkt. 10c., oz. 20c., 4 ozs. 60c., lb. $2.

Standard Large-Flowering Sweet Peas

All the following named varieties, pkt. 5 cts., oz. 15 cts., 4 ozs. 40 cts., lb. $1.25. For quantities of 1 lb. or more, desired by mail, add postage at your zone rate.

Blanche Ferry. Bright carmine-rose; wings white, tinged pink.
Dorothy Eckford. One of the best pure whites; large wings; standards over 2 inches across.
Janet Scott. Rich pink; large flowers.
King Edward VII. Bright red or crimson-scarlet. Very large, open flowers.
Lady Grisel Hamilton. Standard light mauve; wings lavender; large size. The largest and lightest shade of lavender varieties.
Lovely. Standard and wings deep pink, shading to a very light pink at the edges; vigorous grower; mostly four flowers to a stem.
Navy Blue. Dark violet-blue.
Large-flowering, Superb Mixed. Prepared from a well-studied and carefully arranged formula. This mixture contains over 100 choice large-flowering varieties. Pkt. 5 cts., oz. 10 cts., 4 ozs. 30 cts., lb. $1.

Winter-Flowering Sweet Peas

A very desirable class for greenhouse use, being early and continuous bloomers. Also early outdoors, but surpassed in size and quality by other varieties. Sow from August to October for early and succession.

Christmas Pink. Earliest of all pinks. Pkt. 10 cts., oz. 25 cts.
Christmas Meteor. Scarlet. Pkt. 10 cts., oz. 25 cts.
Earliest White. Pure white. Pkt. 10 cts., oz. 25 cts.
Extra-early Blanche Ferry. Pink and white. Pkt. 10 cts., oz. 20c.
Florence Denzer. Pure white. Pkt. 10 cts., oz. 25 cts.
Le Marquis. Dark blue. Pkt. 10 cts., oz. 25 cts.
Mrs. C. H. Totty. Pure lavender. Pkt. 10 cts., oz. 25 cts.
Mrs. Wm. Sim. Salmon-pink. Pkt. 10 cts., oz. 25 cts.
Lavender-Pink Spencer. Pkt. 25 cts., oz. $1.
Mrs. A. A. Skaach Spencer. Finest pink. Pkt. 25 cts., oz. $1.
Red Orchid Spencer. Pkt. 25 cts., oz. $1.
Rose Queen Spencer. Rose-pink. Pkt. 25 cts., oz. $1.
Venus Spencer. White, picotee-eyed. Pkt. 25 cts., oz. $1.
Yarrawa. Rose changing to pink. Pkt. 20 cts., oz. 75 cts.
Early Heatherbell Spencer. Rich, pleasing mauve changing to lavender. Pkt. 25 cts., oz. $1.
Early Melody Spencer. Rose-pink on white ground. Pkt. 25 cts., oz. $1.
Early Morning Star Spencer. Deep orange-scarlet standard, rich orange-pink wings. Pkt. 25 cts., oz. $1.
Early Snowflake Spencer. Best early white. Pkt. 25 cts., oz. $1.
Early Song Bird Spencer. Light pink, edged with darker pink. Pkt. 25 cts., oz. $1.
Early Spring Maid Spencer. Light pink on cream ground. Pkt. 25 cts., oz. $1.

STOKESIA cyanea (Cornflower Aster). **HP.** A most charming and beautiful hardy plant that should have a place in every hardy border. Also fine for cutting. Originally sent out in the lavender-blue variety, but we now offer same in mixture of various shades of the colors named below, including pure white and yellow. The plant is perfectly hardy, grows to a height of 2 feet, and produces twenty-five or more of its beautiful flowers. Blooms from midsummer until frost. We offer this in choice mixture of shades of blue, pink, purple, and yellow, also including pure white. Pkt. 15 cts., ¼oz. 40 cts.

SWEET ROCKET. Sweet-scented and nice for cutting. Mixed. Pkt. 5 cts., ¼oz. 35 cts.

Large-flowering Dwarf Ten-Weeks Stocks

STOCKS (Gilliflower) HHA

General favorite for bedding; excellent for pot-plants or cutting. Seed sown under glass in March will supply nice bedding plants in light soils and may be sown outside in April and May and will afford bloom from summer till frost. All delightfully fragrant.

Large-flowering. (Ten-Weeks Stock.) This is a class particularly suited for pot culture, beds or edging. Habit is dwarf and bushy. Height, about 8 inches; 90 per cent double flowers. Brilliant Rose, Blood Red, Purple, Canary-Yellow, Crimson, Light Blue, White and Mixed. Each, pkt. 10 cts., ⅛oz. 75 cts.
Cut-and-Come-Again Varieties. Excellent for cutting; very fine for outdoor planting. Blood-Red, Rose, Dark Blue, Lilac, Princess Alice (pure white), Yellow, and Mixed. Each, pkt. 10 cts., ⅛oz. 75c.
Early Brompton, White Lady. Strikingly large and very double pure white flowers. Most beautiful. Pkt. 25 cts.

Large-Flowering Dwarf Pyramidal Stock

Snowflake. Very large; snowy white; the earliest of the white Stocks. Splendid for cutting or for planting outdoors. Pkt. 25 cts.

Autumnal or Winter-Flowering HHA

These are of rapid growth, great durability and very fragrant. Summer-sown seed will bloom in eight to ten weeks; spring-sown in about four months; 60 to 75 per cent double-flowered.

Almond Blossom. White, shaded carmine. Pkt. 15 cts.
Beauty of Nice. Large blooms of flesh-pink. Pkt. 15 cts.
Giant Abundance. Large spikes of carmine-rose. Pkt. 25 cts.
Monte Carlo. A beautiful canary-yellow. Pkt. 15 cts.
Empress Elizabeth. Large spikes of bright crimson. Pkt. 15 cts.
Queen Alexandra. Clear rosy lilac. Pkt. 15 cts.
Vesuvius. Large, double, blood-red flowers. Pkt. 15 cts.
Mont Blanc. Snow-white; excellent for cutting. Pkt. 15 cts.
Souvenir de Monaco. Bright carmine. Pkt. 15 cts.
Beauty of Naples. Very early salmon. Pkt. 15 cts.
Madame Paquet. Very large chamois or orange flowers. Pkt. 25c.
Summer Night. Dark violet. Pkt. 25 cts.

THUNBERGIA (Black-eyed Susan). **HHA.** Very attractive, slender, climbing or trailing plants, neat for baskets, porch-boxes, etc. Flowers of various colors—pure white; white black-eyed; pure sulphur-yellow; sulphur black-eyed; orange black-eyed; sulphur white-eyed; orange white-eyed; mixed. Pkt. 5 cts., ¼oz. 25 cts.

TORENIA HHA

Very handsome pot-plants and suitable for beds or edging in sheltered situations. 9 inches.
Fournieri grandiflora. Large flowers, an inch and over in diameter; sky-blue, blotched purple, yellow-throated. Pkt. 10 cts.
Baillonii. Golden yellow with rich red-brown throat. Pkt. 25 cts.

Mammoth Verbena

VERBENA HA

A very popular bedding plant. The seeds come true to color, and plants are of surprising vigor compared with plants grown from cuttings. They should be planted at least 15 inches apart in good soil. Seeds should be soaked in warm water for an hour or two before sowing; cover about ¼inch deep and firm the soil; water very carefully; seeds may germinate during a period of four weeks or more. Where plants have been bought and proved unsatisfactory, we would urge a trial of seedlings; their freedom of bloom will repay any extra care. Useful for bedding, bases, boxes, borders, etc.

Citriodora (Lemon Verbena). **TP.** Pkt. 10 cts.

Venosa. Fine for edging or beds. Violet and purple. 1½ feet. Pkt. 5 cts., ¼oz. 25 cts.

Compacta, Fairy Queen. Charming compact variety with daintily pink-tinted white flowers. Fine for bedding. Pkt. 25 cts.

Hybrida compacta. These are elegant, dwarf, bushy varieties, splendid for beds, edging, or as pot-plants; well suited to use with dwarf lobelias, etc. 2 to 3 feet. Pkt. 10 cts., ¼oz. 75 cts.

Mammoth-flowered Varieties. Have clearly defined margins and large white centers; florets average an inch in diameter.

Auricula-flowered. Pink and rose shades, purple and blue shades, Scarlet, Striped, White, and Mixed. Ea., pkt. 10c., ¼oz. 50c., oz. $1.75.

Helen Wilmot. Flowers of large size, beautiful bright salmon with white eye. Produces a percentage of plants of varied shades. Pkt. 15c.

Elite Mixture. A special strain, producing immense flowers and in a great variety of colors. Pkt. 10 cts., ¼oz. 60 cts.

Fine Mixed. Pkt. 5 cts., ¼oz. 25 cts., oz. 90 cts.

VINCA (Periwinkle) TP

Very handsome plants about 1 foot high. Dark, glossy foliage and in flower constantly from June to frost. If sprays be cut and placed in water, all the buds will be developed, making them effective for a week. 1 to 1½ feet. White, Rose, White rose-eyed, Mixed. Each, pkt. 10 cts., ¼oz. 30 cts.

Rosea delicata. This new variety has flowers of a delicate purple-carmine, softening to the margin. A desirable addition to the varieties now in cultivation. Pkt. 15 cts.

VIOLA CORNUTA (New Tufted Pansies) HP

All hues from purest yellow to brightest scarlet and from delicate rose to the darkest purple. Flowers have three to five dark blotches frequently margined with a yellow or whitish band.

Admirabilis. Mixed.
Admiration. Dark blue.
Blue Perfection. Light blue.
Lutea splendens. Golden yellow
White Perfection. White.
Mixed.

Each, pkt. 10 cts.

VIOLA odorata (Sweet-scented Violet). **HP.** Fragrant, early spring-blooming plants. Fine mixture. Seed germinates very slowly. Pkt. 10 cts., ⅛oz. 40 cts.

WALLFLOWER (Cheiranthus) HHP

The long flower-spikes bloom in spring, are sweet-scented, colors range from bright yellow through shades of red to brown.

Kewensis. Winter-blooming. These bloom four to five months after sowing, and by making successional sowings flowers may be had almost the year round. They are delightfully fragrant, of a sulphur-yellow shade passing gradually to orange-yellow and violet. Pkt. 25c.

Annual, Single, Mixed. Pkt. 10 cts., ¼oz. 25 cts.

Dwarf German, Double Branching (*C. Cheiri*). Fine, large spikes of large, sweet-scented flowers; very nice for borders or pot-plants. Splendid mixture of all sorts. Pkt. 25 cts.

Goliath. Beautiful, single flowers of rich red. Pkt. 10 cts.

Vesuvius. Orange-scarlet, expanding to hazy yellow. Pkt. 10 cts.

Non Plus Ultra Mixture. Richest single varieties. Pkt. 5 cts., ¼oz. 25 cts.

Earliest Paris. Fine single; early-flowering. May be treated as an annual. Flowers throughout the summer. Pkt. 10 cts., ¼oz. 25 cts.

WILD CUCUMBER (Echinocystis). **HP.** A very rapid-growing vine with white flowers. Pkt. 5 cts., oz. 15 cts.

ZINNIA

The double-flowered varieties have elegance of form and the colors are glorious. Many are beautiful for cut-flower decorations. The pure white, salmon, and rich shades of yellow, with crimsons and scarlets are all effective and very durable. Sow last of March in boxes or outdoors in May. If transplanted, it should be done early.

New Giant Double. Flowers very double and of enormous size, attaining a diameter of 4½ to 5 inches. Plants grow to a height of 3 feet and are profuse bloomers. Giant Crimson, Flesh-Color, Golden Yellow, Purple, Scarlet, Canary-Yellow, Violet, Striped, White, and Mixed. Each, pkt. 10 cts., ¼oz. 35 cts.

Large-flowering. Very fine strain. Splendid for beds or cutting. Carmine, Rose, Flesh-Pink, Crimson, Scarlet, Striped, Golden Yellow, White, Lilac, Deep Maroon, Burnt-Orange, and Mixed. Each, pkt. 5 cts., ¼oz. 25 cts.

Curled and Crested Double. Very bright, handsome flowers with crested and curled petals. Fine varieties. Pkt. 10 cts., ¼oz. 25c.

Double Lilliput. Elegant, small, pompon flowers; very nice for beds, etc. 1 foot. Crimson, lilac, gold, orange, scarlet, and white mixed. Pkt. 10 cts., ¼oz. 30 cts.

Double, Dwarf, Large-flowered. Elegant for beds, makes a glorious show. Very rich colors, in finest mixture. Pkt. 5c., ¼oz. 25c.

Red Riding Hood. Dwarf and compact; flowers small and intense scarlet. Pkt. 10 cts., ¼oz. 25 cts.

Pompon. The petals are arranged in a symmetrical smooth cone. Flowers range through many shades of colors. Mixed. Pkt. 10 cts.

Jacqueminot Pompon. Very deep crimson. Flowers attain about double the size of ordinary Pompons. Pkt. 10 cts.

Giant Zinnia

Bulbs, Roots, and Tubers FOR SPRING PLANTING

All bulbs are mailable at parcel-post rates. If to be sent by mail, add postage at the mailing weight given. For zone rate, ask your postmaster

TUBEROUS BEGONIAS

Mailing weight, 1 lb. per 12 bulbs

Blooms constantly during the summer. Desirable both for pots and beds. Flowers large and brilliant. Bulbs 1½ inches and up in diameter.

Giant-flowered Single. Dark Red, Dark Rose, Light Rose, Scarlet, Yellow, Orange, White, and Salmon. 10 cts. each, 90 cts. per doz., $6.50 per 100. Mixed, 80 cts. per doz., $5.50 per 100.

Single Giant-flowering Fringed (*Begonia crispa*). Flowers beautifully fringed. Stems erect. Mixed, 12 cts. each, $1.25 per doz., $9 per 100.

Giant-flowered Double. Crimson, Red, Rose, Yellow, White, Orange, and Salmon. 12 cts. each, $1.25 per doz., $9 per 100. Mixed, 10 cts. each, $1.10 per doz., $8 per 100.

CALADIUM ESCULENTUM

Elephant's Ear

Caladium Bulb

Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Very imposing in appearance when developed. They need very rich soil and an abundance of water.

Mammoth Size. 12 to 14 inches in circumference. 30 cts. each, $3 per doz. Weight, 2 lbs. each.

First Size. 9 to 11 inches in circumference. 20 cts. each, $2 per doz. Weight, 1½ lbs. each.

Second Size. 7 to 9 inches in circumference. 15 cts. each, $1.50 per doz. Weight, 10 ozs. each.

Third Size. 5 to 7 inches in circumference. 7 cts. each, 70 cts. per doz. Weight, 4 ozs. each.

Dasheen

A species of Caladium which is quite as ornamental a foliage plant as *C. esculentum*. Grows fully as large and tall, and the leaves are a darker and richer green. In addition, it is a valuable food plant. The tubers are very palatable when served in any way that potatoes are served. They are richer in food elements than the potato, and, when cooked, the leaves are superior to spinach. They may not mature fully in the North, but every garden should at least have a few of them, as the young leaves can be repeatedly cut, supplying the table with the finest of greens. Like the Caladium, they love considerable moisture. Tubers, 3 to 4 in. diam., 15 cts. each, $1.50 per doz., $10 per 100; 2 to 3 in. diam., 10 cts. each, $1 per doz., $8 per 100. Mailing weight, 3- to 4-in. size, 1 lb. each; 2- to 3-in., ½lb. each.

Xanthosoma bataviensis

The handsomest of the Caladium family, and a native of Java. Leaves large and of a distinct bluish coloring; stems dark purple. Notwithstanding that it is a tropical plant, it has done as well here as the *Caladium esculentum*. To get the best results bulbs should be started in greenhouse in early spring, so the plants may be well advanced when weather permits of setting them out. 10 cts. each, $1 per doz., $7 per 100.

FANCY-LEAVED CALADIUMS

America. White ribs; medium-white zone thickly specked and spotted lilac; green ground spotted and blotched light pink.

Arrasuahy. Deep rose-pink ground overspread with fine network of bronze-green ribs and veins.

FANCY-LEAVED CALADIUMS, continued

Baron de Mamore. Ribs maroon, bordered deep scarlet; white ground veined and nerved scarlet and green, shaded green.

Christiana Ottonii. Cream ground and ribs, with a few crimson spots and blotches.

Dr. A. de Castro. Bright scarlet ribs bordered deep pink; green ground mottled, shaded, blotched and spotted pink.

Duc de Ratibor. Light scarlet ribs with narrow border; green ground mottled and shaded white.

Florida. Scarlet ribs bordered crimson; deep green ground veined, nerved, and shaded white.

Grandum. Scarlet ribs bordered deep crimson; deep green ground veined, nerved, and spotted light pink.

Huachuca. Green ground; mottled white zone; scarlet ribs.

Itapaca. Maroon ribs; deep scarlet zone; green ground spotted and shaded deep pink.

Jose Bonifacio. Cream ground; pale green ribs and veins; light pink spots.

La Grande. Ribs deep scarlet; wide crimson zone blotched and spotted deep crimson; green ground veined and nerved crimson.

Lunocera. Green ground specked, spotted, and shaded crimson; a few deep crimson spots.

Meade. Dull crimson ribs and zone; gray-green ground thickly spotted and blotched white.

Pajarito. Deep scarlet ribs; wide zone of deep crimson; deep green ground veined and nerved crimson.

Rexdorf. Bright scarlet ribs; wide zone of crimson; green ground uniformly marked with light pink spots and blotches edged white.

Snowstorm. Ivory-white ribs and ground veined, nerved, and shaded green.

Wightii. Deep green ground uniformly marked with crimson blotches and snowy white spots.

Wilma. Rich pink ground, with metallic green ribs, veins, and nerves.

White Flag. Green ground; ivory-white ribs and veins.

All at 25 cts. each, $2.50 per doz., $17 per 100

Xanthosoma bataviensis

This Grand, Superb Set of 18 Cactus Dahlias, prepaid, for $3

No. 1 Mary Service	No. 6 Capstan	No. 12 Harbor Light
No. 2 Prince of Orange	No. 7 Bornemann's Liebling	No. 13 Iceberg
No. 3 Clara G. Stredwick	No. 8 Fred Cobbold	No. 14 Ianthe
No. 4 Prince of Yellows	No. 9 J. H. Jackson	No. 15 General Buller
No. 5 Alight	No. 10 Stella	No. 16 Dainty
	No. 11 Princess Mary	No. 17 Genista
		No. 18 Mrs. de Luca

DAHLIAS

Stately and handsome autumn-blooming plants that have again become very popular. They require well-drained, deeply dug soil of moderate fertility. The dormant tubers can be planted out from April 25 to June 30, according to the season.

If wanted by mail, add 5 cts. per tuber

Well-started plants of many varieties can be supplied after June 1 at the same prices as dormant tubers. Can also furnish dormant tubers of any varieties desired, not herein listed, if ordered now or at an early date.

Pamphlet on Dahlia-culture free

CACTUS-FLOWERING DAHLIAS

This class is of comparatively recent introduction, and is entirely distinct from any other class. The flowers are loosely and artistically formed, and very irregular, resembling the chrysanthemum. Petals long, twisted, and terminating in a point. Some varieties possess nearly straight petals, others are gracefully incurved.

Alight. Gigantic flowers of beautiful orange-scarlet. Very free flowering; extra-good form. Petals long, narrow. 25 cts. each, $2.50 per doz.

Bornemann's Liebling. Very delicate, soft rose-pink; extra fine. 20 cts. each, $2 per doz.

Capstan. Soft red, tinted apricot. 15 cts. each, $1.50 per doz.

Clara G. Stredwick. Clear bright salmon; large and free. 25 cts. each, $2.50 per doz.

CACTUS-FLOWERING DAHLIAS, continued

Countess of Lonsdale. Deep salmon-red; one of the best. 20 cts. each, $2 per doz.

Countess of Malmesbury. Delicate peach-pink. 20 cts. each, $2 per doz.

Dainty. Lemon-yellow at center, tipped rose-pink. 20 cts. each, $2 per doz.

Dr. Jameson. Deep crimson. 15 cts. each, $1.50 per doz.

Earl of Pembroke. Bright plum color; exceedingly large. 15 cts. each, $1.50 per doz.

Fred Cobbold. Bright crimson, large, beautifully formed flowers; very free; moderately incurved. One of the best. 20 cts. each, $2 per doz.

General Buller. Rich, deep crimson, tipped white; attractive. 15 cts. each, $1.50 per doz.

Genista. Deep amber, shaded gold; one of the best. 20 cts. each, $2 per doz.

Harbor Light. Vivid orange-red, overlaid flame color. 15 cts. each, $1.50 per doz.

Ianthe. A lively shade of buff, edged salmon-rose; very large, fine flower. 20 cts. each, $2 per doz.

J. H. Jackson. The best dark Dahlia; almost black. 15 cts. each, $1.50 per doz.

Kriemhilde. Pleasing shade of pink, white center. 20 cts. each, $2 per doz.

Lady Fair. Florets long and divided at the ends; color primrose tinged with soft pink. 25 cts. each, $2.50 per doz.

Mary Service. Pinkish apricot or heliotrope; one of the best. 20 cts. each, $2 per doz.

Mrs. de Luca. Golden yellow, tipped orange. 25 cts. each, $2.50 per doz.

Prince of Orange. Rich, deep orange, yellow center. 20 cts. each, $2 per doz.

Prince of the Yellows. Soft yellow; fine. 20 cts. each, $2 per doz.

Standard Bearer. Rich, fiery red; very early. 20 cts. each, $2 per doz.

Stella. Rich, vivid scarlet; deep, bold flower. 25 cts. each, $2.50 per doz.

W. B. Childs. Velvety purple-maroon; large. 25 cts. each, $2.50 per doz.

PEONY-FLOWERED DAHLIAS

Admiration. Rosy crimson, veined yellow. 25 cts. each, $2.50 per doz.

Dr. Perry. New. Rich, velvety wine-crimson; one of the best; very large. 40 cts. each, $4 per doz.

Geisha. A combination of brilliant scarlet and gold, with an exquisite ring of clear yellow at the center. 40 cts. each, $4 per doz.

Cermania. Glowing crimson. 20 cts. each, $2 per doz.

Hampton Court. Bright, deep pink; large. 20 cts. each, $2 per doz.

La Riante. Beautiful lavender-pink. 20 cts. each, $2 per doz.

Marie Studholme. New. Lavender-pink. 30 cts. each, $3 per doz.

Mrs. Jacques Futrelle. Flowers of medium size. An exquisite lemon-yellow heavily splashed scarlet. 25 cts. each, $2.50 per doz.

Queen Emma. Hollyhock-pink, inner petals banded with gold. 20 cts. each, $2 per doz.

Queen Wilhelmina. Best pure white. 20 cts. each, $2 per doz.

Sunrise. Bright pink; large. 25 cts. each, $2.50 per doz.

DECORATIVE DAHLIAS

Large, flat, and full to the center; petals quite irregularly situated, long, broad, flat, and nearly straight.

Catherine Duer. "The Newport Dahlia." Glowing shade of red. 15 cts. each, $1.50 per doz.

Clifford W. Bruton. Large, canary-yellow. 15 cts. each, $1.50 per doz.

Delice. Charming bright pink, suffused lavender-pink. 25 cts. each, $2.50 per doz.

Elsie Davidson. Giant-flowering, deep golden yellow. 25 cts. each, $2.50 per doz.

Grand Duke Alexis. Pure white, distinctly tinged pinkish lavender. 20 cts. each, $2 per doz.

Jack Rose. An ideal comparison to the celebrated "Jack-Rose," resembling it in both color and beauty. 20 cts. each, $2 per doz.

Jeanne Charmet. Beautiful lavender-pink. 20 cts. each, $2 per doz.

Le Grand Manitou. The largest and grandest fancy Decorative Dahlia in existence. Pure white, artistically striped, splashed, and blotched deep violet-purple. 35 cts. each, $3.50 per doz.

Mina Burgle. Glowing and most brilliant scarlet. Borne upon long, wiry stems, well above the foliage. 40 cts. each, $4 per doz.

DECORATIVE DAHLIAS, continued

Mme. Helene Charvet. Florets of enormous width. Glistening white, daintily overlaid pinkish lavender. 20 cts. each, $2 per doz.
Mme. Van den Dael. Flowers large, of extra-fine form. The color is white, deeply edged live silvery pink. A Dahlia which bears my highest recommendations. 25 cts. each, $2.50 per doz.
Mme. Victor Vassier. The grandest, clear, sulphur-yellow Decorative to date. 30 cts. each, $3 per doz.
Minos. Flowers very large; color intense velvety maroon, almost black. 20 cts. each, $2 per doz.
Oban. Mauve. Extra-fine form. 20 cts. each, $2 per doz.
Souv. de Gustave Doazon. Gigantic orange-red; good. 20 cts. each, $2 per doz.
Sylvia, or **Dolly.** White, heavily edged pink; free. 15 cts. each, $1.50 per doz.
Wilhelm Miller. Brilliant purple; very large. 15 cts. each, $1 50 per doz.

SHOW DAHLIAS

These are large, spherical, regular, compact, and full to the center. The flowers are either solid, edged, tipped, or shaded darker.

A. D. Livoni. Beautiful soft pink. Free flowering. 15 cts. each, $1.50 per doz.
Alice Emily. Orange-yellow. Large and fine. 15 cts. each, $1.50 per doz.
Arabella. Sulphur-yellow, tipped pinkish white. 15 cts. each, $1.50 per doz.
Cuban Giant, or **Dr. J. P. Kirkland.** Dark velvety crimson. Large. 25 cts. each, $2.50 per doz.
Fascination. Rose-pink, sometimes striped white. Extra fine. 20 cts. each, $2 per doz.
Golden Age. Sulphur-yellow. Free flowering. 15 cts. each, $1.50 per doz.
Imperial. Deep purplish maroon. Free flowering. 25 cts. each, $2.50 per doz.
Lucy Fawcett. Pale yellow, striped deep pink, or light magenta. Very large and free. 20 cts. each, $2 per doz.
Merlin. A beautiful orange-scarlet. One of the very finest Dahlias ever offered. 25 cts. each, $2.50 per doz.
Norma. Flowers are large, perfectly quilled, and of a most exquisite shade of live bright orange. 25 cts. each, $2.50 per doz.
Prince Bismarck. Deep purple. Very large, bold flower of fine form. 20 cts. each, $2 per doz.
Queen Victoria, or **Mary D. Halleck.** Canary-yellow. 15 cts. each, $1.50 per doz.
Robert Broomfield. Pure white. Tall grower. 15 cts. each, $1.50 per doz.
Storm King. The most reliable white Show Dahlia to date. In color, a pure white. Flowers produced on good stems, well above the foliage. Free flowering. 20 cts. each, $2 per doz.
Stradella. Beautiful deep purple-crimson; exceptionally free flowering; stems long and wiry. One of the finest to date. 20 cts. each, $2 per doz.
Willie Austin. Fawn and orange. 15 cts. each, $1.50 per doz.
William Neats. Soft reddish fawn. 15 cts. each, $1.50 per doz.

GIANT-FLOWERING or COLOSSAL DAHLIAS

The Colossal type includes all the giant-flowering Dahlias intermediate between the broad, flat-petaled Decorative Dahlia and the common, quilled Show Dahlia. Colossal fully portrays the idea—gigantic flowers of great depth, massive in proportions, and globular in shape; petals are cup-shaped, and placed in exact regularity. Plants are strong, sturdy, and robust.

American Beauty. Gigantic flowers produced on long, heavy stems. The color is a gorgeous wine-crimson. 30 cts. each, $3 per doz.
Reggie. A colossal Dahlia, of beautiful cherry-red color. A variety producing flowers upon long stems, well above the foliage. 25 cts. each, $2.50 per doz.
Rose. A remarkable Dahlia of decided formation. Color an exceptionally deep rose shade; flowers carried erect upon extra-long stems. 30 cts. each, $3 per doz.
Yellow Colosse. Large, showy flowers of pure primrose-yellow are produced very freely on long, graceful stems. Its golden cup-shaped petals are daintily arranged. 30 cts. each, $3 per doz.

CENTURY DAHLIAS

Blanche. Pale yellow, tipped pink. 15 cts. each, $1.50 per doz.
Rose-Pink Century. Beautiful rose-pink. 15 cts. each, $1.50 per doz.
Twentieth Century. Purest white, overlaid rose-pink. 15 cts. each, $1.50 per doz.

COLLARETTE DAHLIAS

Maurice Rivoire. Rich crimson; white collar. 20c. each, $2 per doz.
President Viger. Reddish carmine; collar pure white. 25 cts. each, $2.50 per doz.

SINGLE DAHLIAS

Lord Goff. Cream, tipped rose-pink. 15 cts. each, $1.50 per doz.
Prosperity. Light center, tipped rose-purple. 15c. each, $1.50 per doz.
Sadie. Beautiful pink, striped and speckled maroon. 20 cts. each, $2 per doz.
Thomas a Becket. Crimson-lake, yellow ring at center. 15 cts. each, $1.50 per doz.

POMPON DAHLIAS

15 cts. each, $1.50 per doz.

Amber Queen. Rich, clear amber.
Darkness. Dark maroon.
Fairy Queen. Sulphur, edged pink.
Prince Charming. Cream, tipped purple.
Snowclad. White, small, ideal.
Sunbeam. Crimson-scarlet.

GERMAN IRIS (*Iris germanica*)

The German Iris succeeds in partial shade, but gives the most satisfactory results in a dry, sunny location. Perfectly hardy and requires only ordinary cultivation, growing luxuriantly. Plant in March, April, and May; or August, September, and October. Plant the bud or crown about 2 inches below the surface.

	Each	Doz.	100
Elizabeth. Standards pale lavender, darker in center; falls mauve, melting into pale blue. A very large, attractive flower	$0 15	$1 25	$8 00
Fairy. Properly named; a sweet, dainty flower. Standards pure white, delicately bordered and suffused soft blue, inner petals white and lavender; falls white, charmingly veined	15	1 50	8 00
Flavescens. Standards and falls a delicate shade of yellow. Fragrant; fine for massing.	15	1 25	8 00
Florentina alba (Silver King). The finest white variety. Standards and falls porcelain, changing to pure white. Large; fragrant	15	1 25	8 00
Herant. Standards beautiful lavender-blue; falls blue. Very large and tall	15	1 25	8 00
Her Majesty. (New.) Very attractive on account of its rich and unusual color. Standards heliotrope of tissue-like delicacy, inner petals straw and lavender; falls light mauve, traced with white. A very fine, rich flower	25	2 50	
Honorabilis. The most popular of all Irises. Similar to Sans Souci. Standards beautiful golden yellow; falls rich mahogany-brown.	15	1 25	8 00
Khedive. Soft lavender, orange beard	15	1 25	8 00
Madame Chereau. The pride of the German Irises; a tall, stately, queenly flower. Standards white, edged and fringed mauve, interspersed with lilac, inner petals white; falls white, edged the same as the standards	15	1 25	8 00
Marmora. Standards sulphur and fawn; falls crimson-purple, margined lavender	15	1 25	8 00
Nymph. Possesses a most charming individuality. Standards pale lavender, shaded darker, inner petals light lilac and yellow; falls purple, reticulated white	15	1 25	8 00
Panchurea. Standards a light smoky shade, falls dull violet-red	15	1 25	8 00
Queen of the Gypsies. Perfectly marvelous blending of colors. Standards smoky or dusky light bronze; falls purplish red. New color.	15	1 25	8 00
Sans Souci (Rebecca). Standards canary, base reticulated dove-color; falls yellow, charmingly veined and interlaced with brown, fading to light maroon	15	1 25	8 00

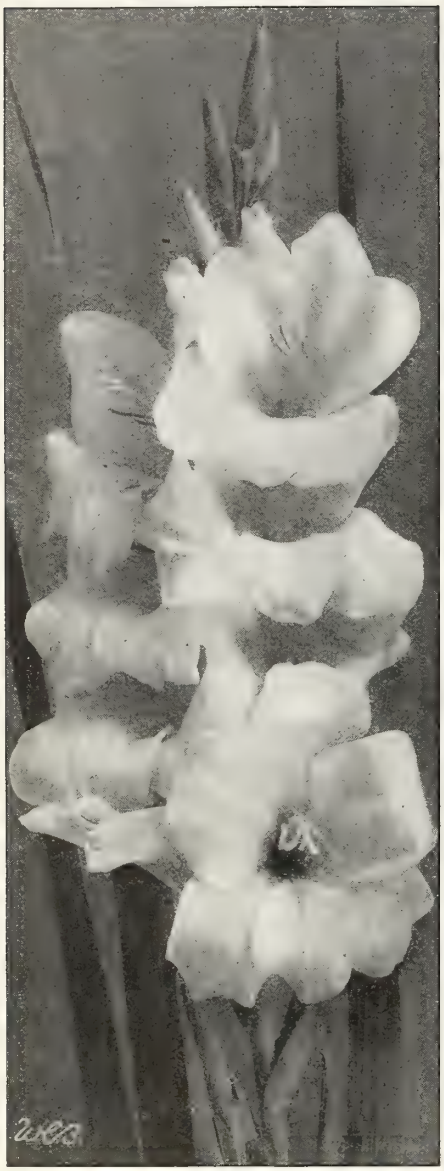
FINE MIXED IRIS KAEMPFERI

The Japanese Iris

NOVEMBER. Mailing weight, 2 lbs. for each clump

Very handsome, summer-flowering varieties, blooming from June to August. They prefer rich, moist soil, but will thrive in any fair soil. Very large flowers that will give a magnificent display.

10 Selected Named Varieties. Large clumps, 25 cts. each, $2.50 per doz., $16 per 100.



Gladioli

GLADIOLI

Summer-flowering bulbs of the very easiest culture and with a wide range of color. Elegant for the garden or beautiful for cut-flower purposes. For the latter use they should be cut when the first flower opens; the balance of buds will develop when spikes are placed in water and thus greatly prolong the blooming term. Plantings may be made every two weeks to provide for a succession. We offer the leading mixtures and excellent named varieties.

Mailing weight, 20 ozs. per doz.

	Each	Doz.	100
America. Elegant, soft lavender-pink; large flowers	$0 05	$0 45	$3 00
Attraction. Deep rose, with white throat; a very pleasing variety	06	55	3 50
Augusta. A very fine white; strong grower; large spikes	05	45	3 00
Baron Hulot. Fine blue variety. Rich, deep indigo-blue	06	60	4 00
Brenchleyensis. The old standard scarlet; large spike	04	40	2 50
Crackerjack. Rich maroon, blotches of yellow with purple pepperings.	05	45	3 00
Columbia. Orange-scarlet, blotched and penciled with bluish purple.	06	55	3 50
Chicago White. Pure white; very early; fine forcer	06	65	4 50
Empress of India. Rich, dark red, with a purplish tinge; a magnificent variety	07	75	5 00
Hallie. Delicate salmon-rose; immense flower, with a creamy yellow blotch on the lower petals, forming a perfect and large spike	05	45	3 00
Independence. Brilliant rose-pink, marked with white and maroon; straight, strong spikes	05	45	3 00
Jessie. Fine velvety red; long, well-filled spike	06	55	3 50
Klondike. An early garden Gladiolus of medium height; fine yellow bedder	05	45	3 00
Kunderdi, "Glory." The very large flowers have waved or ruffled petals of creamy pink with pencilings of crimson in the throat; foliage broad and deep green	07	75	5 00
Mme. Lemoiner. White tinged with lemon, large bright crimson center	06	55	3 50
Mme. Monneret. Delicate rose color. Late bloomer	06	55	3 50
Meadowvale. Pure white with line of delicate pink in lower petals.	06	55	3 50
May. Lovely pure white, flaked rosy crimson; strong spikes	06	55	3 50
Mrs. Frank Pendleton. A spectacular variety. Flowers large and well expanded; light pink, heavily blotched blood-red in the throat.	09	1 00	7 50
Mrs. Francis King. A striking shade of light scarlet or flame color.	05	45	3 00
Niagara. Beautiful cream shade, with two lower inside petals or segments blending to canary-yellow; flowers 4½ inches across, on erect and stout spikes	09	1 00	7 50
Panama. A seedling of America, but of an incomparable rose-pink; spikes very long, with large flowers	09	90	6 00
Peace. Flowers large; beautiful white, with a pale lilac feathering on the inferior petals	09	90	6 00
Pink Perfection. Distinct apple-blossom-pink; large, open flowers on a strong spike	09	90	6 00
Pink Augusta. Free blooming; pleasing pink	06	55	3 50
President Taft. Light pink, with shaded throat; large flower	06	55	3 50
Princeps. Rich crimson, with broad, white blotches on lower petals.	06	55	3 50
Taconic. Light pink, flecked and striped deeper pink; lower petals blotched crimson	06	55	3 50
Victory. Delicate sulphur-yellow; lower petals shaded deeper	06	55	3 50
Velvet King. Large bright velvety red. Several open at one time	06	55	3 50
Pan-American Superb Mixture. This Mixture is not be be compared with the usual run of Choice or Fine Mixtures. It is unexcelled as a Mixture and is composed of the largest possible number of fine and distinct varieties $25 per 1,000		40	2 75

PAMPHLET ON GLADIOLUS-CULTURE FREE

GLOXINIAS

12 bulbs weigh 1 lb.

Fine for pot culture. Place in a 3-inch pot and shift to a larger one when required. Loves warmth and moisture, but the leaves should never be wet. Blooms for a long time.

Defiance. Brilliant scarlet.
Emperor Frederick. Red, white border.
Emperor William. Deep blue, white border.
Mont Blanc. Pure white.
Roi des Pourpres. Deep purplish scarlet.

All of the above at 15 cts. each, $1.50 per doz., $10 per 100

Superb Mixed. 10 cts. each, $1 per doz., $7.50 per 100.

LILIES

	Each	Doz.
Auratum. 9 x 11 in. circumference. 6 ozs.	$0 20	$2 00
Auratum macranthum	30	3 00
Album. 9 x 11 in. circumference. 6 ozs.	23	2 30
Melpomene. 9 x 11 in. circumference. 6 ozs.	20	2 00
Rubrum. 9 x 11 in. circumference. 6 ozs.	20	2 00
Magnificum. 9 x 11 in. circumference. 6 ozs.	20	2 00

ISMENE CALATHINA (Peruvian Daffodil)

A splendid summer-flowering bulb; pure white, amaryllis-like, very fragrant flowers; a profuse bloomer. Plant in June. Can be taken up in fall and after a short period of rest can be potted for winter bloom indoors. Mammoth bulbs, 15 cts. each, $1.50 per doz. (8 ozs. each.)

Ismene Calathina

PEONIES

One of the most durable and satisfactory garden plants. Once planted, they can be enjoyed for years. Plant in good, deep, rich soil to such a depth that the crown of the plant is about 2 inches below the surface.

Mailing weight, 16 ozs. each root

	Each	Doz.
Alba sulphurea. Creamy white, flecked crimson; large, globular, and fragrant	$0 50	$5 00
Albert Crousse. Delicate shell-pink; grand cut-flower; fragrant	60	6 00
Alexandre Dumas. Creamy white collar, crown of brilliant pink	40	4 00
Augustin d'Hour. Deep, rich, brilliant solferino-red; very large flowers	60	6 00
Avalanche. Milk-white, creamy center with a few carmine stripes; large and fine	60	6 00
Charlemagne. Salmon-pink; very double and full	40	4 00
Couronne d'Or. This is the famous Crown of Gold; snow-white, reflecting golden yellow stamens	55	5 50
De Candolle. Very large, full, cup-shaped bloom; color bright lilac-purple	45	4 50
Docteur Caillot. Flowers in clusters; rich, fiery, amaranthine red	40	4 00
Duc de Wellington. One of the largest white Peonies; a grand cut-flower, having fine stems	30	3 00
Duchesse de Nemours. Blooms several days after Festiva Maxima; cup-shaped, sulphur-white blooms; fine for cutting	35	3 50
Edulis superba. Beautiful, bright, clear pink with silvery reflex	35	3 50
Felix Crousse. Rich, dazzling, ruby-red	60	6 00
Festiva maxima. The finest white; a grand cut-flower, coming in usually for Decoration Day	40	4 00
General Bertrand. An even shade of solferino-red, center slightly tipped silver	50	5 00
La Perle. Very large, compact, globular flowers; white overlaid with lilac, blush center; central petals speckled with carmine	55	5 50
Louis Van Houtte. Bright violaceous red of dazzling effect; fine shapely blooms; medium to large	30	3 00
Mme. Calot. A very free-blooming white Peony; flowers overlaid with delicate blush	45	4 50
Mme. de Verneville. Pure white, round-shaped flower; very fine	40	4 00
Mme. Ducel. The whole flower is a solid color of silvery lilac-pink	60	6 00
Mme. Leonie Calot. Delicate soft lilac-pink	40	4 00
Mme. Muyssart. Color an even shade of solferino-red, tipped silver. Very large and well shaped	60	6 00
Marechal Vaillant. A large, light-colored, red flower.	40	4 00
Marie Lemoine. Ivory-white, of gigantic size; fine cut-flower	40	4 00
Modeste Guerin. Large, handsome bloom; color a uniform solferino-red	60	6 00
Mons. Jules Elie. Color glossy lilac-pink, shading to deeper rose at the base of the entire flower, overlaid with a sheen of silvery rose; the finest of all Peonies.	70	7 00
Pierre Dessert. Dark crimson, with a royal purple coat; distinct silvery tip; one of the earliest reds	60	6 00
Souvenir de l'Exposition Universelle. Large, flat bloom of violet-rose with silver reflex; free bloomer.	40	4 00

PAEONIA OFFICINALIS

The old-fashioned garden Peony. Blooms nearly two weeks earlier than other varieties.

	Each	Doz.
Double White	$0 25	$2 50
Double Scarlet	25	2 50
Double Pink	25	2 50

LARGE-FLOWERING CANNAS

For grouping on lawns, or for large beds, no plants are more effective. They bloom soon after planting. We offer the following choice varieties. Foliage green where not noted.

All varieties, except where noted, 10 cts. each, $1.10 per doz., $8 per 100. Mailing weight, 3 ozs. each; 2 lbs. per doz.

Alphonse Bouvier. Deep, rich, velvety crimson. 4½ feet.

Beacon. Rich cardinal-red; medium size; free flowering. 3½ feet. 15 cts. each, $1.50 per doz.

Black Beauty. Shimmering black, undulating leaves of great length and rigidity. 6 feet.

Black Prince. Very dark, velvety crimson; large clusters. 4½ feet.

Brandywine. Orchid-flowered. Intense red, mottled with deep crimson. 4 feet.

Charles Henderson. Deep crimson throat, yellow-flamed. 3½ feet.

Crimson Bedder. Dazzling crimson-scarlet; well displayed above the foliage. 3 feet.

Duke of Marlborough. Deep crimson-maroon. 4 feet.

Florence Vaughan. Bright, rich, golden yellow, spotted red; large flowers. 4½ feet.

Gladiator. Large; bright yellow petals, spotted crimson. 4½ feet.

Italia. (Orchid.) Great, crinkly petals of clear yellow, overlaid with orange-scarlet. 5 feet.

King Humbert. Orchid-flowered. Bronze foliage. Brilliant orange-scarlet, bright red shading; large trusses. 5 feet. 15 cts. each, $1.50 per doz., $10 per 100.

King of Bronzes. Ornamental foliage, very broad and round; flowers small, red. 7 to 8 feet.

Louisiana. (Orchid.) Immense, bright crimson-scarlet spikes. 5 ft.

Mlle. Berat. Rich rosy carmine or pink flowers. 4 feet.

Mme. Crozy. Brilliant vermilion-scarlet, bordered yellow.

Martha Washington. A handsome broad-flowered rosy pink. 3 ft.

Mont Blanc. Medium-sized flowers of white borne in clusters. 3½ ft.

Mrs. Kate Gray. Orchid-flowered. Full head of soft orange, shaded carmine, and yellow-dotted throat. 5 to 6 feet.

Mrs. Karl Kelsey. Orchid-flowered. Orange-scarlet, flaked and striped golden yellow. 6 to 7 feet.

Meteor. Massive, erect trusses of deep blood-red flowers; the best red bedder. 5 feet. 20 cts. each, $2 per doz.

Prince Wied. Rich deep crimson flowers, produced in large clusters. 4 feet. 15 cts. each, $1.50 per doz.

Richard Wallace. Canary-yellow; large flowers. 4 feet.

Rosea gigantea. Largest of all Cannas. Rich rose-pink. 4 feet. 20 cts. each, $2 per doz., $15 per 100.

Souv. d'Antoine Crozy. Rich, dazzling scarlet, golden yellow edges. 3 feet.

Splendor. Salmon-scarlet flowers of immense size in spreading turrets. 3½ feet. 15 cts. each, $1.50 per doz.

CHOICE MIXTURE OF CANNAS. 60 cts. per doz., $4 per 100.

Pamphlet on Canna-Culture free

MISCELLANEOUS BULBS AND FLOWERING ROOTS

All bulbs are mailable at parcel-post rates. Varieties preceded by an asterisk (*) are mailed at catalogue prices; for others, add postage at the mailing weight given. For zone rates, ask your postmaster

***ACHIMENES.** For conservatory or greenhouse. Mixed. 7 cts. each, 70 cts. per doz., $5 per 100.

ACIDANTHERA bicolor. For greenhouse or open ground. Creamy white with broad maroon blotches. Weighs 4 ozs. 20 cts. each, $2 per doz.

AGAPANTHUS umbellatus (Blue African Lily). Weighs 4 ozs. 25 cts. each, $2.50 per doz.

***ALSTRŒMERIA** (Chilian Lily). Produces showy spikes of flowers, varying from rosy white to deep orange. 7c. each, 70c. per doz.

AMARYLLIS Belladonna major. Flowers large, white delicately shaded pink. 20 cts. each, $2 per doz.

Defiance. Deep crimson, striped white. 40 cts. each, $4 per doz.

Amaryllis Johnsonii. Flowers dark crimson, white stripe down center of each petal. 40 cts. each, $4 per doz.

Hippeastrum, Giant-flowering Hybrids. From white to deepest maroon, taking in all intermediate shades, and showing contrasting stripes of white, blood-red, rose, scarlet, etc. Flower trumpet-shaped and of enormous size. Mammoth bulbs, 85 cts. each, $8.50 per doz.; large bulbs, 50 cts. each, $5 per doz.

Hallii (*Lycoris squamigera*). Produces in spring attractive green foliage, which ripens by July and is followed in a short time by a tall flower-stalk, producing an umbel of large lily-shaped flowers, 8 to 12 in number. Of a delicate pink shaded clear blue. 20 cts. each, $2 per doz.

***ANTHOLYZA.** Beautiful gladiolus-like flowers. Mixed colors. 6 cts. each, 60 cts. per doz.

MISCELLANEOUS BULBS AND FLOWERING ROOTS, continued

***APIOS tuberosa.** Hardy climbers; flowers resembling wistaria. 5 cts. each, 50 cts. per doz.

ARUM cornutum (Monarch of the East; Red Calla). Flowers red, spotted black; palm-like foliage. Weighs 8 ozs. 20 cts. each.

CALLA Elliottiana. Very rich, pure yellow; leaves spotted with white. Weighs 4 ozs. 25 cts. each, $2.50 per doz.

Spotted-Leaf. Foliage beautifully spotted white. Weighs 4 ozs. 10 cts. each, $1 per doz.

***CHLIDANTHUS fragrans.** Pretty, bright yellow, straw-shaped, tubular flowers in upright clusters. 6 cts. each, 60 cts. per doz.

***CINNAMON VINE.** Hardy, rapid-growing climber. 5 cts. each, 50 cts. per doz.

HYACINTHUS candicans. Tall spikes of pure white, bell-shaped flowers. Weighs 4 ozs. 5 cts. each, 50 cts. per doz.

INCARVILLEA Delavayi (Hardy Gloxinia). Hardy with protection; rose-colored, gloxinia-like flowers produced in clusters. Weighs 8 ozs. 10 cts. each, $1 per doz.

grandiflora. Beautiful carmine-pink. Weighs 8 ozs. 15 cts. each, $1.50 per doz.

***MONTBRETIA.** They flower during July and August and are very nice for cutting, lasting well and being effective.

crocosmæflora. Branched spikes of large, showy, brilliant red, yellow-shaded flowers. 5 cts. each, 50 cts. per doz., $3 per 100.

aurantiaca. Very large golden yellow flowers. 5 cts. each, 60 cts. per doz., $3.50 per 100.

Montbretia, Etoile de Feu. Vermilion and scarlet. 6 cts. each, 60 cts. per doz., $3.50 per 100.

Germania. Blood-red. 6 cts. each, 60 cts. per doz., $3.50 per 100.

Mixed. 5 cts. each, 50 cts. per doz., $3 per 100.

MADEIRA VINE. A favorite rapid-growing climber. Weighs 6 ozs. to the doz. 3 cts. each, 25 cts. per doz.

***OXALIS.** Summer-blooming variety. 2 cts. each, 20 cts. per doz., $1.25 per 100.

***TIGRIDIA.** Brilliant, shell-like flowers of great beauty. 5 cts. each, 40 cts. per doz., $3 per 100.

TUBEROSE, Excelsior Pearl. Dwarf and compact; large, well-cured bulbs. Weighs 1 lb. to the doz. 10 cts. for 3, 30 cts. per doz., $2 per 100.

Mammoth Size. 5 cts. each, 50 cts. per doz., $3 per 100.

***WATSONIA Ardernei.** Produces spikes of beautiful pure white flowers. Fine for forcing outdoors. 10 cts. each, $1 per doz.

ZEPHYRANTHES. Effective for planting out in masses, and often grown in pots for home adornment.

***Atamasco.** White, suffused flesh color; hardy. 6 cts. each, 50 cts. per doz.

***candida.** Fall blooming. Large, pure white flowers. 6 cts. each, 50 cts. per doz.

sulphurea. Yellow, brown exterior. 6 cts. each, 60 cts. per doz.

Kirke Automatic Lawn and Garden Fertilizer and Insect Destroyer

The Kirke System is an ingenious, scientific method of combining in one operation the several others formerly attendant upon fertilizers and insecticides for lawns, gardens, shrubbery, and foliage. The only **clean, odorless,** positively active, easily handled, practicable, **economical,** and efficient method of destroying insects or fertilizing, requiring no additional labor or experience. It abolishes the use of unsanitary stable manure, so objectionable because of its disagreeable odors and the great abundance of weed seeds it contains. It abolishes the use of cumbersome hand-pumps, hand-sprayers, carts and wagons, etc., for distributing insecticides and fertilizers. It is without an experimental feature—it will work as well for you as for the thousands all over the country who already enjoy its benefits.

THE KIRKE FEEDER Consists of a cylindrical nickel-planted metal cartridge-holder, which is easily connected to any standard-sized water faucet, and in which is placed a KIRKE Fertilizer, Insecticide, or Fungicide cartridge. **It is a neat device and will last a lifetime. It is simplicity itself, and even a child can handle it.**

KIRKE CARTRIDGES, which are placed in the **KIRKE FEEDER,** are of four types: **Fertilizer, Insecticide, Fungicide, Disinfectant-Germicide.** They are composed of the highest grade of concentrated and extremely active chemicals, and dissolve gradually with even and positive distribution.

THE "KIRKE SYSTEM" SPRINKLING-CAN PLANT FOOD is a product especially prepared for those who do not necessarily require the use of a garden hose. It will be found very serviceable and highly beneficial for piazza plants, greenhouse plants, plants grown in pots and in cemeteries, etc.

There are twelve tablets in a box, each tablet is sufficient for eight gallons of water, and dissolves gradually and with an even distribution. It most efficiently promotes and sustains vigorous health, luxuriant growth, and abundant and richly colored flowers and grass.

Send for descriptive catalogue with valuable planting tables, etc.

PRICES	Each	½ Doz.	Doz.	Mail Wts. ½ Doz.	Mail Wts. Doz.
				Lbs.	Lbs.
Kirke Feeder (mail wt. 1¼ lbs.)	$3 00				
Kirke Fertilizer Cartridge	35	$2 00	$3 60	3½	7
Kirke Tobacco Insecticide	38	2 15	4 00	3	6
Kirke Arsenate of Lead	55	3 00	5 80	3¾	7½
Kirke Bordeaux Fungicide	35	2 00	3 60	2½	5
Kirke Angle-Worm Destroyer	1 50	8 00	15 00	3½	7
Kirke Fly Maggot Destroyer	38	2 15	4 00	2½	5
Kirke Sulphur Cartridge	35	2 00	3 60	3¼	6½
Kirke Salt Cartridge	15	85	1 50	3	6
Kirke Sprinkling-Can Plant Food					
38 cts. per box (12 tablets)					
$2.15 per carton of 6 boxes (72 tablets)				4	
4.00 per carton of 12 boxes (144 tablets)					8

Prices subject to market price of chemicals

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Seed. For SHADY PLACES sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for seed, and for directions how to make a lawn.

INSECTICIDES AND FUNGICIDES

PARCEL POST. An asterisk (*) preceding certain items indicates that such articles can be sent by parcel post at purchaser's expense. Fluids and poisons are not mailable. See schedule of parcel-post rates on page 1.

***Ant Destroyer.** For red and black ants. This powder does not scatter the pests, but exterminates them. ¼lb. 20 cts., ½lb. 40 cts., lb. 75 cts.

Antipest, Carman's. Very effective for scale, red spider, mealy bug, green thrip, ants, wire-worm, slugs, etc. ¼pt. 10 cts., ½pt. 18 cts., pt. 30 cts., qt. 50 cts., ½gal. 75 cts., gal. $1.40.

Aphine. For destroying aphis, green fly, thrip, red spider and other insects in the greenhouse and outdoors. Dilute one part to forty parts of water. ¼pt. 25 cts., ½pt. 40 cts., pt. 65 cts., qt. $1, gal. $2.50.

***Aphis Punk.** A convenient preparation of nicotine for fumigating. Can of 12 sheets (10 ozs.), 60 cts.; case of 144 sheets (7¾ lbs.), $6.50.

Arsenate of Lead, Paste. Very effective for combating the codling moth and all other leaf-eating insects. Kills bugs, protects the crops, improves the quality and quantity of fruit and vegetables, and is very economical to use. One pound should be used to twenty-five gallons of water. Put up in sealed packages. Lb. 35 cts., 5 lbs. $1.50, 10 lbs. $2.80, 25 lbs. $6.25.

Arsenate of Lead, Powdered. Goes twice as far as the preceding. Dilute one pound to fifty gallons of water. Instantly soluble and remains in suspension longer. Lb. 50 cts., 5 lbs. $2.30.

Bordeaux, Dry. A most convenient form in which to use this standard fungicide. Saves the bother of slaking lime and dissolving chemicals. One pound to five gallons of liquid. Full directions on package. Lb. 35 cts., 5 lbs. $1.50.

Bordeaux, Paste. It is ready for use at any time by simply adding water at a dilution of six to eight pounds to fifty gallons of water. A most convenient form in which to use this preparation. Lb. 30 cts., 5 lbs. $1.25.

Bordeaux Lead. Identical in all respects with Pyrox, being the same preparation of bordeaux and arsenate of lead. Lb. 35 cts., 5 lbs. $1.30, 10 lbs. $2.40, 25 lbs. $5.50.

Borowax. For painting trees to keep away borers. Qt. 35 cts., ½gal. 60 cts., gal. $1, 6 gals. $5.

***Bug Death.** A fungicide, insecticide and plant-food combined. Non-poisonous and very effective for cabbage and tomato worms, potato and cucumber bugs. Apply with duster or powder gun. Lb. 15 cts., 3-lb. pkg. 45 cts., 5-lb. pkg. 60 cts., 12½-lb. pkg. $1.40, 100-lb. pkg. $8. **Bug Death Duster,** for applying, 25 cts.

B. T. S., Orchard Brand. A dry substitute for lime-sulphur solution, equal to lime-sulphur solution both as an insecticide and as a fungicide; in fact, it is practically the same thing. For dormant spraying to control scale, etc., dilute sixteen pounds of B. T. S. to fifty gallons of water. For growing-period spraying, three to four pounds to fifty gallons of water. Descriptive circular on application. 5 lbs. $1.25, 10 lbs. $2, 25 lbs. $3.50.

***Climax Lawn Sand.** For weedy lawns. Will adhere to the rough, hairy leaves of dandelion, plantain, etc., and, by absorbing therefrom all the sap, destroy them beyond recovery. Also acts as a fertilizer for the lawn. Lb. 15 cts., 7 lbs. 85 cts., 14 lbs. $1.35, 28 lbs. $2.25, 56 lbs. $3.75, 112 lbs. $6.50.

***Cutworm Food.** Effectual for cutworms on melons, cucumbers, tomatoes, beans, eggplant, cabbages, cauliflower and squash. It does not injure or affect growing plants in any way, and if applied as directed on package, it will destroy the cutworm. Lb. 30 cts.

Fir-Tree-Oil Soap. (Caustic form.) Used as a spray or wash. Dissolve according to directions on can. ½lb. can 35 cts., 2-lb. can $1,

Fly Spray, or **Cattle Comfort.** For keeping all kinds of flies, mosquitos and other insects from annoying your stock. Non-poisonous. Qt. 35 cts., gal. $1.20, 5 gals. $5.50.

Fungine. An infallible remedy for destroying mildew, rust, bench-rot and other fungi. Does not stain the foliage. ¼pt. 20 cts., ½pt. 40 cts., pt. 65 cts., qt. $1, gal. $3.50.

***Getz-There Soap.** An infallible remedy for plant lice, scale insects, mealy bug, red spider, black and white fly, black and green aphis and other pests in the greenhouse, and also for many pests that infest the garden and orchard. Gal. can (8 lbs.) $1.25.

***Grape Dust.** For mildew, mold and rust. 5 lbs. 70 cts., 10 lbs. $1.30, 25 lbs. $3, 100 lbs. $11.

***Hellebore, Best Grade, Powdered.** For rose slugs, currant worms, etc. Lb. 70 cts.

Kerosene Emulsion Paste. For scale, plant lice and aphis. For tender plants, one part to twenty-five parts of water. For trees, shrubbery, vines, etc., one part to ten parts of water. Qt. 60 cts., gal. $1.40, 5 gals. $5.

Kil-Worm. Destroys worms, ants, etc., infesting golf- and cricket-grounds and lawns. Sure death to snails. Does not injure the ground, but must not come in contact with tender plants. One gallon to fifty gallons of water. Qt. $1.50, ½gal. $2.50, gal. $3.50.

Lime-Sulphur Solution, Orchard Brand. Can be used as an insecticide or fungicide. For the former dilute one part of the solution to nine parts of water and use as a spray for San José and all other scale insects. To use as a fungicide, dilute one part of Lime-Sulphur to thirty-five to one hundred parts of water, depending on the hardiness of the plant or tree. It is a clear, cherry-colored combination of Lime and Sulphur in liquid form. It is as strong a solution as can be made, and tests 33 degrees Baume. This material is practically free from sediment, and contains no hard, granular particle to clog the spray nozzle. When used against scale, spray when the tree is dormant, in the early spring or late fall. Put up in tin packages and oak barrels. Qt. 30 cts., gal. 75 cts., 5 gals. $2.25, 10 gals. $4, ½bbl. (25 to 27 gals.) at 26 cts. per gal., 50 gals. $11.

Lemon Oil. Destroys mealy bug, brown and white scale, thrip, red spider, caterpillars, black and green flies, mites, ants, fleas and insects on animals, and insects that infest poultry-houses, barns, etc. ½pt. 30c., pt. 50c., qt. 90c., ½gal. $1.50, gal. $2.50, 5 gals. $10.50.

***Nico-Fume.** For fumigating. Strips of paper strongly saturated with nicotine. Very convenient and effective. Cans, 24 sheets (14 ozs.) 85 cts., 144 sheets (2¾ lbs.) $4.

Nico-Fume Liquid. For spraying and vaporizing. ¼lb., about ¼ pt., 50 cts.; 1 lb., about 1 pt., $1.50; 4 lbs., about ½gal., $5.50; 8 lbs., about 1 gal., $10.50.

Nicoticide. Fumigating compound. ¼pt. 70 cts., ½pt. $1.30, pt. $2.55, qt. $4.60, ½gal. $8.75, gal. $16. **Vaporizing apparatus,** 60 cts.

Nikoteen. One pint contains as much insecticide as 200 pounds of tobacco stems. 1 oz. 25 cts., 2 ozs. 40 cts., pt. $1.50.

Paris Green. Particularly effective in eradicating the potato bug. Put up in air-tight cartons. Lb. 60 cts.

***Insect Powder.** Non-poisonous. A superior grade. Kills all kinds of insects on plants in the garden and in the house. Lb. 70 cts.

Potato Scab Destroyer. To control the **scab, treat the potato** before planting. Pt. 50 cts., qt. 90 cts.

Pyrox, Bowker's. A combination of bordeaux and arsenate of lead, suitable for all leaf-biting insects. Lb. 35 cts., 5 lbs. $1.40, 10 lbs. $2.50, 25 lbs. $5.75.

Rat Corn. A thoroughly tried and proved destroyer of rats and mice. Cans 15 cts., 25 cts., 50 cts. and $1.

Rose Bug Exterminator, Readeana. A positive killer of all insect life on flowers, shrubbery and vines, and which is absolutely harmless to the most delicate plants or flowers. Also cleanses and beautifies the foliage. ¼pt. 25 cts., ½pt. 50 cts., qt. $1.25, gal. $4.

Scale Killer. Effective for leaf-roller, pear psylla, San José, Maisel, brown, red and cotton-maple scale and soft-bodied sucking insects. One gallon to twenty gallons of water. Qt. 50 cts., gal. $1, 5 gals. $4.25, 50-gal. bbl. $30.

***Slug-Shot.** This non-poisonous powder requires no further mixing or preparing. It is very effectual in destroying potato and other bugs, beetles, green and black fly, slugs, worms, caterpillars, etc. Use with powder-gun or bellows. 1-lb. carton 15 cts., 5 lbs. 45 cts., 10 lbs. 85 cts., 25 lbs. $2.

Sticky Tree Cord. For banding trees. Tube of 30 ft. 25 cts.

***Sulphur.** For mildew on plants, etc. Lb. 15 cts., 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. $1.85, 100 lbs. $6.50.

Sulphur Fumigating Candle. 10 cts. each, 3 for 25 cts.

Thrip Juice. For mealy bug, scale, thrip, codling moth, canker worm, beetles, caterpillars, etc. Dilute 40 to 100 times. Pt. 65 cts., qt. $1.10.

***Tobacco, Sulpho-, Soap.** Kills all insect life in the window-garden or conservatory. Unsurpassed for roses; also valuable exterminator of moths, cockroaches and carpet bugs. 3-oz. pkg. 12 cts., 8 ozs. 25 cts., lb. 35 cts., 10 lbs. $3.

All prices on Insecticides and Fungicides subject to change without notice

INSECTICIDES AND FUNGICIDES, continued

Tobacco Stems (fresh). For fumigating. In bales at $1.25 per 100 lbs.

***Tobacco Dust, Fine.** The most effective and cheapest remedy for the flea on cabbage, radish, etc. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. $1.25, 100 lbs. $4.50.

***Tobacco Dust, Coarse.** Coarse grade, for fumigating. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. $1.25, 100 lbs. $5.

***Tree Tangle-Foot.** Protects trees from canker worms, cutworms, ants, tussock moths and all climbing insects. It will not injure trees and when applied remains sticky for three months. Apply it thoroughly around the trunk of the tree just below the lower limbs in a band of 6 to 8 inches in width. Most effective if applied early in March. Lb. 45 cts., 3 lbs. $1.30, 10 lbs. $4, 20 lbs. $7.50.

Vermine. A germicide and soil sterilizer. Will destroy white grub, eel-, wire- and cutworms, slugs, root lice and maggots. Will also destroy ants. ¼pt. 25 cts., ½pt. 40 cts., pt. 65c., qt. $1, gal. $3.

Vaporite. Destroys insects in the soil, such as wireworms, grubs, wood-lice, slugs, ants, beetles, centipedes and multipedes. Is a non-poisonous powder, which, when it comes in contact with the soil, gives off a vapor which kills all underground insects. Apply any time of the year when digging the soil; work it in about 6 inches. As the gas is formed it works both up and down. Use two pounds to ten square yards; 300 pounds to an acre. 5 lbs. 60 cts., 10 lbs. $1, 25 lbs. $2.25, 50 lbs. $4.25, 100 lbs. $7.50.

Weed Exterminator, Herbecide. The original and standard weed-killer. Is in concentrated liquid form and a small portion is used in water. Will kill grass and weeds of any kind. Easily and quickly applied and one thorough application will keep down the weeds for one season at least. Each gallon of Herbecide may be diluted with from 20 to 40 gallons of water, and will cover 500 to 1,000 square feet of surface. May be applied with a sprinkling-can or any apparatus suitable for sprinkling. In using Herbecide, care should be used not to get it on the skin or on your clothes. The first cost of Herbecide is higher than most of such preparations, but is the cheapest, owing to the high grade and uniform strength. Qt. 55 cts., gal. $1.75, 2 gals. $3.25, 5 gals. $7, 10 gals. $12.50, 25-gal. cask $27.50, 50-gal. bbl. $47.50.

***Whale-Oil Soap,** or **Fish-Oil Soap.** For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb. 20 cts., 5-lb. can 75 cts., 10 lbs. $1.30, 25 lbs. $3.

***Whale-Oil Soap, Caustic.** Very effective as a tree spray and as a summer remedy for San José scale. Comes in semi-liquid form and is easily dissolved. One pound to ten gallons of water. Lb. can 25 cts., 5-lb. can $1.10, 25 lbs. $4.50.

***Worm Eradicator, Carter's.** Very efficacious in destroying the worms that infest lawns. When applied, the worm comes to the surface and dies. Non-poisonous. Use one-half pound to the square yard. Write for prices.

Worm Eradicator, Reade's Electric. For removing worms from greenhouses, lawns, flower-pots, vases, etc., without damage to the plants. 4-oz. bottle 30 cts., 8-oz. bottle 50 cts., 24-oz. bottle $1, gal. $4, 56 lbs. $7.50.

X-L-All. A famous English liquid preparation. Kills mealy bug, red spider and all insect pests. Pt. 75c., qt. $1.25, ½gal. $2, gal. $3.75.

***X-L-All Nicotine Fumigating Shreds.** As efficacious as the X-L-All Compound. They can be burnt on the floor of the greenhouse, or in any iron or tin vessel. Have been carefully tested in greenhouses, with all kinds of tender plants, without doing any damage. Pkt., to fumigate 1,000 cubic feet, 4 ozs. 30 cts.; for 10,000 cubic feet, 2 lbs. $1.75.

All prices on Insecticides and Fungicides subject to change without notice

FERTILIZERS.

Prices variable. Fertilizers sold for spot cash only

Humus. Soil renovator. Very effective for greenhouse, lawn, vegetable- and flower-garden work. Rich in ammonia, phosphoric acid, potash and lime, and contains 75 to 80 per cent of humus. For the lawn, apply as a top-dressing of ½ to 1 inch. For the garden, ½ to 2 inches and dig in with the soil. For pot-plants, use one-third humus to two-thirds soil. 100 lbs. $1.35, 500 lbs. $6.25, 1,000 lbs. $10, ton $18. For car-lots direct from factory, ask for price.

***Bon Arbor.** Contains more soluble plant-food than any other fertilizer and its merits have been widely tested and proved by numerous expert gardeners. 7 ozs. 25 cts., lb. can 45 cts., 5-lb. can $1.70.

***Bone, Button.** For preparing soil for roses, grape-vines, trees, small fruits, etc. 10 lbs. 75 cts., 100 lbs. $4.75.

Pure Raw Bone Meal Flour. Ground as fine as dust; acts quickly, and is fine for florists' use. Prices on application.

***Bone Meal, Pure Raw, No. 1.** See inside of back cover.

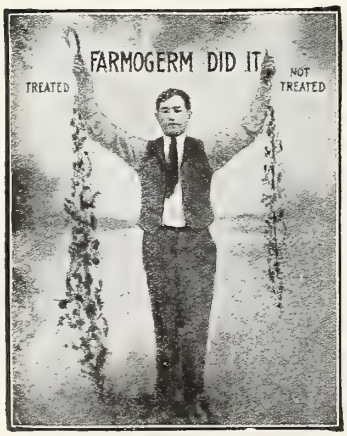
Bone Meal, Pure Raw, No. 2. Darker in color than the preceding, richer in ammonia and almost as rich in phosphoric acid. Guaranteed slaughter-house bone. Ammonia, 4½ to 6 per cent; phosphoric acid, 21 to 23 per cent, equal to bone phosphate 48 to 52 per cent. 500 lbs. $11.75, 1,000 lbs. $23, ton $45.

Pure Bone and Meat. 100 lbs. $2.45, 500 lbs. $11, 1,000 lbs. $21.50, ton $42.

***Bowker's Plant Food.** For pot-plants. Pkt. 15 cts., 3 pkts. 40c.

Cocoa Fiber. Stimulates a strong, fibrous growth. Pk. 45 cts., bus. $1.50.

***Clay's Fertilizer.** Not obtainable.



Cotton Seed Meal. Rich in potash and ammonia and very desirable as a fertilizer for lawns and grains. Price variable.

Guano Fertilizer. 100 lbs. $1.95, 500 lbs. $8.50, 1,000 lbs. $16, ton $32.

***Horn Shavings.** A fertilizer specially adapted for roses, chrysanthemums, etc. Fine grade, lb. 15 cts., 5 lbs. 50 cts., 10 lbs. 90c., 25 lbs. $2, 50 lbs. $3.75, 100 lbs. $7.

Keystone Fertilizer. 100 lbs. $2.15, 500 lbs. $9.50, 1,000 lbs. $18.50, ton $36.

Leaf-Mold. For mixing with potting soil. Sack $2.25.

Moss, Live Sphagnum. For orchids. Bbl. $3.50.

Nitrate of Soda. 100-pound sacks and up. Write for prices.

Lawn and Garden Fertilizer. See inside of back cover.

Orchid-Peat, Fibrous. For orchids. Sack $2.25.

Peat, Jersey. For mixing with potting soil. Sack $2.

Unleached Hardwood Ashes. See inside back cover.

Scotch Soft-Coal Soot. Stimulates luxuriance of growth and gives darkness and brilliancy to foliage and flowers. 100 lbs. $6.

***Special Chrysanthemum Manure, Thompson's.** This vine, vegetable and plant manure is adapted for mixing with the soil when potting chrysanthemums and other plants. This special manure is meant to be used as an additional stimulant during the growing season. A heaped dessert-spoonful is sufficient for a plant in 10-in. pot. Sprinkle on surface of soil, then water with tepid water. Apply three times during growing season. Lb. 50 cts., 7-lb. bag $1.50, 14-lb. bag $2.50, 28-lb. bag $4.50, 56 lbs. $7.50.

Sheep Manure. See inside of back cover.

Shredded Cattle Manure. 100 lbs. $2.40, 500 lbs. $10, ton $37.50.

FARMOGERM

High-bred nitrogen-gathering bacteria for **Clovers, Cowpeas, Soja Beans, Vetches, Garden Peas and Beans, Sweet Peas.** Makes poor soil good to raise the largest and best crops of the above and other legumes. Farmogerm will do it, and also add nitrate to the soil to benefit future crops of the same kind. Write for booklet giving all necessary information.

No. 1. For Alsike, Crimson, Red and White Clover.
No. 2. For Alfalfa.
No. 3. For Canada Peas and Vetches.
No. 4. For Cowpeas and Soja Beans when sown in mixture.
No. 5. For Garden Beans and Peas and Sweet Peas.

Prices, postpaid, for 5 acres, $7.50; for 1 acre, $2; for ¼ acre or garden size, 50 cts.

All-Garden-Crop Farmogerm. A new preparation and at same prices as the above. Put up in vial and contains a number of species of different soil bacteria, which are valuable in building up the soil generally, as well as inoculating leguminous plants. In many cases it gives results equal to Farmogerm for legumes, but, as the preparation is still in the experimental stage, we can only recommend it for trial.

SPRAY PUMPS AND SPRAYERS

Iron Age Horizontal Barrel Sprayer, No. 190

Just what a man with a small orchard or garden wants. A hand sprayer that is easy to operate. Convenient to get at in all its parts, stable on its foundation, and so mounted that it can be placed on any conveyance and moved at will. Has a fine outside pump with high pressure. Sold with one or two leads of hose. Steel or bamboo pipe-rods for orchard spraying, and bucket strainer when ordered. Pump and barrel, **$27**; one 15-ft. lead of hose, **$5**; one 10-ft.

ALL PRICES ON SPRAYERS SUBJECT TO CHANGE WITHOUT NOTICE

No. 190 Horizontal Barrel Sprayer, $20

steel extension pipe, **$3.60**; one 10-ft. bamboo rod, with stop cock, **$3.60**; one Iron Age nozzle, **75 cts.**; one Iron Age nozzle strainer, **$1.10**; one bucket strainer, **$2.70**; one barrel, **$4.50.**

Iron Age Vertical Barrel Spray Pump, No. 194

For small orchards and the garden. Fits any barrel. Working parts all outside, excepting the suction pipe and dasher. The latter works automatically and keeps solution stirred up. Valves are bronze balls, easily got at, packing hemp easily replaced. Pressure one hundred pounds when using two nozzles, greater when using only one. Can be used as a bucket pump. Without barrel, **$14.40.** Barrel, **$4.50.** 15 ft. ½-in. hose, nozzle, and strainer, **$4.50.**

Pamphlets giving complete descriptions of Iron Age, Paragon, Standard and Auto Sprayers and One-Man Pumps sent on application.

Daisy Force Pump

Cheap and effective. Will throw a steady stream 40 to 50 feet. **$1.**

Little Giant Brass Spray Bucket Pump

With agitator, complete with hose. Imperial combination, fine or coarse spray and solid-stream nozzle, with foot-rest. **$4.65.**

The Standard

A barrel, bucket or knapsack pump, all in one. For a small orchard or a few trees, use as a bucket pump. For a large orchard, use a barrel on sled or dray, and a long hose. For potatoes or truck crops, use with knapsack and potato attachment. With bucket hose, **$4**; with knapsack, **$6.75**; 19-in. extension pipes, **75 cts.**; extra hose per foot, **15 cts.**; extra No. 1 and No. 2 nozzles, **15 cts.** each; extra hose strainer, **20 cts.**

Little Giant

Vertical Barrel Pump, No. 191

Can be attached to any barrel with or without head. The strain in operating comes on the staves and not on the head. Is mounted outside the barrel. Any kind of solutions, hot or cold—no leather packing—easy to repack—brass ball valves, easily got at. **$18; with barrel, $22.50.** Fits any barrel. May be ordered with same equipment as No. 190.

Iron Age Bucket Sprayer, No. 192

For spraying trees, bushes, etc., and for whitewashing, etc. Is worth far more than you pay for it. 100 pounds pressure easily maintained. Can be used in any kind of solution, either hot or cold. Candlewick packing. Not necessary to remove plunger for repacking. Bronze ball valves, easily got at. **$8.10.**

No. 192

The Auto Sprayer

Auto Sprayer

Eight to ten strokes of plunger in air-chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. Can be charged in fifteen seconds, when it will work long enough to spray a quarter-acre. The sprayer is light, and being carried by a shoulder-strap, a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old-style sprayers. **Auto Sprayer, No. 1 B.,** 18 lbs., brass tank with auto-pop nozzle, **$9**; **Auto Sprayer No. 1 D.,** weighs 18 lbs., galvanized tank with auto-pop nozzle, **$6.** Two-row attachment for spraying two rows at one time, **$1.60**; two feet of brass extension pipe, **70 cts.**; steel, **50 cts.**; brass elbows for spraying under vines, **35 cts.**; brass strainer for straining solution, **$1.10.**

The Paragon Sprayer

The Paragon Sprayer

For tree spraying, whitewashing, etc. The spray nozzle cannot clog; liquid passes through self-cleaning strainer. Is easily operated and can be brought close to the work. Simple and durable. **No. 3.** Holds 12 gallons of liquid, **$18. No. 5.** Mainly for trees, holds 30 gallons of liquid, **$30.**

FITTINGS FOR PARAGON SPRAYERS	Price
2-way Spray	$1 50
1-way Spray	75
3-way Spray	2 00
Extension Pipes, per ft.	12
Y fitting	90
Hose Coupling	40
Nipple Valve	40
Strainer	65
⅜ 6-ply Hose, per ft.	14
Check Valve	40
Female Coupling	30
Air Chamber for Nos. 1, 3 and 4 Sprayers	1 50
Air Chamber for No. 5 Sprayer	3 00
Stop Cock	60
Breaker for Mist Spray	20
Brass Cap	20
Mist Spray complete	40
Steel Cap	20
Cup Leather	25
Leather Washers for nozzle or hose, per doz.	10
Mist Spray with S. and B.	50
Sleeve and Bushing	20
Brass Hose Bands, each	10

IRON AGE DOUBLE- AND SINGLE-WHEEL HOES, HILL AND DRILL SEEDERS

ASK FOR SET OF 1918 IRON AGE SPECIAL BOOKLETS SHOWING THE BEST AND MOST COMPLETE LINE OF FARM AND GARDEN IMPLEMENTS MANUFACTURED. WE ARE SPECIAL AGENTS FOR IRON AGE TOOLS

When you made a garden in the old way, you had to be very fond of it to undertake the drudgery. It is different now. Thousands of people are making their own gardens with pleasure and profit in many ways by using **"Iron Age" Wheel Hoes** and **Drills. With the Wheel Hoes** you can get over your garden ten times where you did once before. You can prepare the ground, furrow, weed, hoe, cultivate, ridge, and cover. **With the Drills,** you can sow in continuous rows or in hills. You can get more and better crops on the same ground with far less labor and greater satisfaction to yourself. You can get fertilizer attachments with which to dress the rows and force growth. **A Woman, Boy,** or **Girl** can easily operate any **"Iron Age"** garden tool. They are indispensable in small gardens as well as large.

New Model Seed Drill. Has been in use for many years and is well known to be truly a model for satisfactory work. The wheel is large and broad, index plain and reliable, and is in all a first-class Drill. $11.70.

No. 306 (Old No. 6) Iron Age Combined Hill and Drill Seeder. Double and single hoe. No rakes. $17.10.

No. 304 (Old No. 4) Iron Age Combined Drill Seeder. Double and single hoe. No rakes. $16.20.

No. 318 (Old No. 18) Drill Seeder Only. $11.25.

Attachment 133. This is a drill seeding attachment only, and can be attached to No. 301R (old No. 1) Double and Single-Wheel Hoe, and thus makes a complete No. 304 (old No. 4) Drill and Wheel Hoe. $6.75.

Attachment 134. This is a seed drill attachment that can be attached to No. 301R (old No. 1) Double and Single-Wheel Hoe and makes a complete No. 306 (old No. 6) Hill and Drill Seeder and Wheel Hoe. $7.65.

No. 301R (Old No. 1) Double and Single-Wheel Hoe. Complete with rakes. $10.80. Without rakes, $9.90. **Double** and **Single-Wheel Hoes,** with side hoes only, $7.

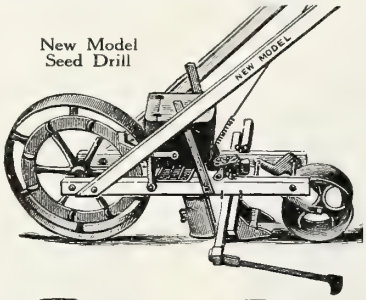
Gem Single-Wheel Hoe. Can be used also as a plow or cultivator. $7.20. With cultivator teeth only, $5.85.

Gem Double-Wheel Hoe. Complete, $8.50.

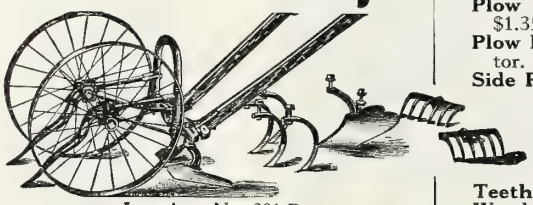
No. 2 Single-Wheel Hoe. The cheapest good Wheel Hoe. $4.50.

No. 320 (Old No. 20) Single-Wheel Hoe. Complete, $8.10. Without rakes, $7.60.

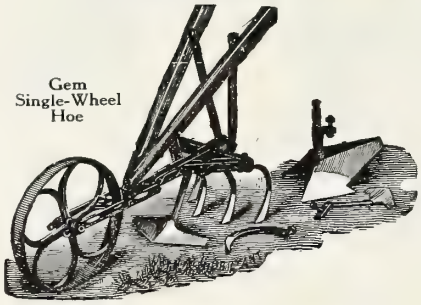
No. 12 Wheel Plow and Cultivator. $5.15.



New Model Seed Drill



Iron Age, No. 301-R



Gem Single-Wheel Hoe

IRON AGE COMBINED BARREL-TRUCK, HAND-CART AND LEAF-RACK

Barrel can be easily detached from truck.

Truck and trunnions with 1½-inch wheels	$12 15
2½-inch wheels	13 00
3½-inch wheels	13 95
Extra for barrel	5 15
Box to fit on truck	5 70
Leaf-rack to fit on truck	6 65
Sprinkler attachment	4 75

IRON AGE WHEEL HOE PARTS

Plow Landslide. For Gem Cultivator. $1.35.

Plow Landslide. For Iron Age Cultivator. $1.35.

Side Plows. Right or left, 60 cts. each.

Teeth for Iron Age. 25 cts. each.

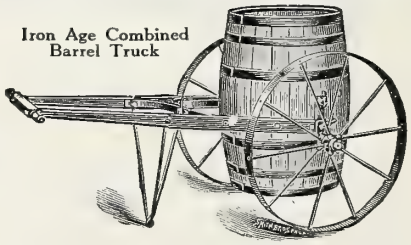
Side Hoes. Right or left, 60 cts. each.

Rakes. 6 teeth. 60 cts. each.

Teeth for Gem. 40 cts. each.

Weeders for Double-Wheel Hoes. $1.35 per pair.

Weeders for Single-Wheel Hoes. $1.15 per pair.



Iron Age Combined Barrel Truck

MISCELLANEOUS SUPPLIES

On articles that can be sent by Parcel Post the mailing weight is given. Postage must be added to catalogue price if to be mailed

*Aprons, Gardeners' Rubber, Heavy. (2 lbs.) $1.75.

*Asparagus Knives, Curved Blade. (1 lb.) Each, 50 cts.

*Straight Blade. (1 lb.) Each, 40 cts.

Fishtail Style. V-shaped blade. Each, 45 cts.

Asparagus Buncher, with Knife Guard. (7 lbs.) Each, $2.

*Atomizer, Kinney. (1 lb.) $1.

*Bellows, Woodason's—

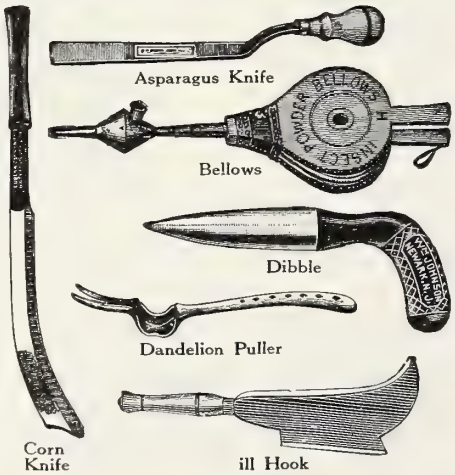
*Large, Single-Cone, Powder. (3 lbs.) Each, $2. Small (2 lbs.) each, $1.60.

*Large, Liquid-Spraying. (4 lbs.) Each, $2. Smaller (3 lbs.) each, $1.75

*Sulphur. For sulphur and other powders. (3 lbs.) Each, $2.25.

*Bill Hooks. English, for trimming shrubbery. (4 lbs.) Each, $2.

Celery Bleachers. No banking with soil, no boarding. Very handy for the small grower. 6 x 12 inches, 100, $1.75. 6½ x 13 inches, 100, $2. 7 x 14 inches, 100, $2.25. Mailing weight per 100, 8 to 10 and 14 lbs.



Asparagus Knife

Bellows

Dibble

Dandelion Puller

Corn Knife

ill Hook

Charcoal, Fine and Medium Grade. 50 lbs. $3, 100 lbs. $5.

Coarse. Pk. 25 cts., bus. 75 cts.

*Corn Knives. For cutting down cornstalks. (2 lbs.) Each, 50 cts.

Cut-Flower Boxes. 21 x 8 x 4 inches. Doz. 90 cts., 100, $6.

24 x 8 x 5 inches. Doz., $1.10; 100, $7.75.

30 x 12 x 6 inches. Doz., $2.20; 100, $16.75.

*Dandelion and Plantain Puller, Bateman's. (1 lb.) Each, 35 cts.

Daylite Glass-Cleaner. The most powerful Cleaner in the market; is self-acting. The minute it is put on the glass it acts. Apply it with a brush, leave it on a few minutes, and rinse off with cold water. Gal. $1.80, 5 gals. $6.50, can of 25 gals. or bbl. of 50 gals. $1.20 per gal.

*Dibble. Wooden handle, steel point. Two sizes. (1 lb.) Each, 40 cts. and 45 cts.

*All Iron. (2 lbs.) Each, 40 cts. Brass Point. (1 lb.) Each, 75 cts.

MISCELLANEOUS SUPPLIES, continued

Dock and Thistle Cutter. With foot-rest. Each, 75 cts.

Dusters, Acre-an-Hour. For distributing insecticides, etc. 2½ qts. Each, 60 cts.

Flower-Boxes. For porch or window decoration. Neatly finished and painted green inside and out.

	Length	Width	Height	Each
No. 2	24 in.	8 in.	6¼ in.	$0 65
No. 4	36 in.	8 in.	6¼ in.	85
No. 8	36 in.	10 in.	8¼ in.	1 30
No. 10	48 in.	10 in.	8¼ in.	1 60

Forks, Weeding, Saynor's Long Handle. Each, 90 cts.
Saynor's Short Handle. Each, 90 cts.
American Steel. 8-in. handle. Each, 25 cts.
American. Hand-forged and tempered steel. Each, 25 cts.
American. Malleable. Each, 10 cts.
Gem. Each, 40 cts.
Spading. English digging. 4 square tines. Each, $1.75.
Spading. 4 angular tines, strap ferules. Each, $1.40.
Spading. Boy's size. Each, 80 cts.
Manure. 4 oval tines, strap ferule. Each, $1.50.

Fumigators. For fumigating greenhouses. Nos. 1, 2, 3, 4, and 5, each, $1.65, $2.35, $3 and $4.35.

Garden Line. White, glazed. Superior to Italian Hemp garden line. 48 feet weighs 6 ounces. 48 ft. 50 cts., 96 ft. 98 cts., 144 ft. $1.44, 192 ft. $1.88, 240 ft. $2.30, 288 ft. $2.70, 336 ft. $3.08.

Garden Line Reels, with stake. $2.50.

*Glass Clamps. For supporting broken glass. 25, 35 cts.; 100 (1¼ lbs.), $1.25.

*Glass Cutter, No. 1 Turret Head, Tested. (4 ozs.) Each, 35 cts., 3 for $1.

*Glazing Points, Peerless. Nos. 1, 2, and 2½. (1 lb.) 1,000, 60 cts.

*Grafting Tool. Best English steel. (1 lb.) Each, $1.

*Grafting Wax, Trowbridge's. ¼lb., 10 cts.; ½lb., 15 cts.; lb., 30 cts.

Grass Edging Knives, English. 8-in. (1 lb.), $2; 9-in., $2.25.
American. 9-in., 75 cts.

Handles. Of tough, clean, second-growth ash. 8-ft., 35 cts.; 10-ft., 40 cts.; 12-ft., 60 cts.

Hanging-Baskets. Galvanized wire. 8-in., each, 22 cts.; doz. $2.20. 10-in., each, 30 cts.; doz., $3. 12-in., each, 40 cts.; doz., $4. 14-in., each, 50 cts.; doz., $5. 16-in., each, 60 cts.; doz., $6. 18-in., each, 75 cts.; doz., $7.50. 18-in., extra-heavy, each, 90 cts.

Hoes, Field. Solid socket, 6-in., 7-in. and 8-in. blades. Each, 65 cts., 70 cts. and 75 cts.
Field. Solid shank, 6-in. and 7-in. blades. Each, 65 cts. and 70 cts.
Corn. Solid shank, 7½-in. blade. Each, 65 cts.
Warren. Solid socket, 7-in. blade. Each, 70 cts.
Half-Moon. Solid shank, 6-in. blade. Each, 65 cts.
One-Prong Weeding. Each, 30 cts.
Two-Prong Weeding. Each, 35 cts.
Dig-Easy Mattock. 1⅜-in. and 3½-in. blades. Each, 65 cts.
German Grub, or Sprouting. 4½-in. blade. Each, 60 cts.
Triangular, or Thinning. 4½-in. triangular blade. Each, 55 cts.
Beet, Short Handle. 18-in. handle, 4-in. blade. Each, 45 cts.
Tomato Transplanting. Each, 85 cts.
Dutch Scuffle. 6-in. and 8-in. blades. Each, 80 cts. and 90 cts.

Weeding Fork

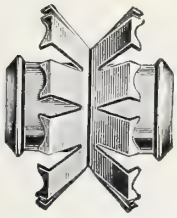
Scuffle Hoe

Garden Line Reel

Transplanting Hoe

Turret Glass Cutter

Grass Edger



Hose Mender

Pruning Knife

Pruning Knife

Hoe, Rocker, Pull Easy. Each, $1.

Hooks, Nurserymen's. Two 9-in. steel prongs. Each, $1.50.
Potato. Four oval or round tines. Each, 70 cts.
Grape. Two prongs. Each, 90 cts.

Hose, Rubber (including coupling), **Beckert's Seed Store Brand.** ½-in., in 50-ft. lengths, $9.85; 25-ft. lengths, $5. ¾-in., in 50-ft. lengths, $10.90; 25-ft. lengths, $5.85.
Beckert's Special Spray Hose. Ft. 14c.

*Hose Couplings, Perfect-Clinching, Brass. ¾-in., pair (4 ozs.), 25 cts.; 3 pairs for 70 cts.
*Brass, Revero. Pair (4 ozs.), 35 cts.

*Hose Menders, Perfect-clinching. Used as the coupling mentioned above. (3 ozs. each.) ½-in. and ¾-in., each, 10 cts., 3 for 25 cts.
*Cooper's, Brass. (2 ozs. each.) ½, ¾, and 1-in., each, 10 cts.; doz., $1.

*Hose Mending Outfit. Two Menders, 4 Bands, 1 Plier. (1 lb.) Each, 25 cts.

*Hose Reducer. To change the gage. (4 ozs.) Each, 15 cts.

Hose Reel. All steel; capacity 100 feet of hose. Each, $1.50 and $1.75.
Wirt's Style B. The best Hose Reel on the market. The reeling and unreeling of the hose is very easy. Cannot tip over when unreeling and very easy to move about. All metal. Tubular steel rims and frame. Steel spokes and malleable iron castings. Corrugated galvanized drum.
Style B, No. 10. Diameter of rims 21 in., weight 20 lbs., capacity 100 ft. ¾-in. hose. Each, $3.50.
Style B, No. 20. Diameter of rims 24 in., weight 22 lbs., capacity 150 ft. ¾-in. hose. Each, $4.

Hotbed Sash. 3 x 6 ft. Best grade Cypress. Iron cross-bars and lugs. Painted two coats. Glazed double-strength 10 x 12 glass and puttied. 3-row glass, each, $4.25; doz., $50. Painted two coats and unglazed, as above. Each, $2.85; doz. $33.

Hydrometer. For testing lime-sulphur solution. Each, $1; by mail $1.10.

Hotbed Mats. Drill, 76 x 76 inches, each, $2.35; doz., $27. Burlap, 40 x 76 inches, each, $1.60; doz., $16.
Waterproof. 76 x 76 inches. Waterproof both sides. Each, $3; doz., $34.
40 x 76 inches. Waterproof both sides. Each, $2; doz., $22.
40 x 76 inches. Waterproof one side. Each, $1.70; doz. $18.

Immortelles. Red, Pink, Blue, White, Yellow, and Purple. Bunch, 40 cts.; doz., $4.80.

*Knives, Budding (English). One blade, straight or curved. (4 ozs.) Each, $1.60.
*Small, Florist Knife. (3 ozs.) Each, 50 cts. and 75 cts.
*Pruning, English. No. 924. (1 lb.) Each, $1.25.
*Concave Potato. (4 ozs.) Each, 15 cts.

*Labels, Pot. Painted.

Weight per 100	100	500	1,000
4-inch ½ lb.	$0 17	$0 65	$1 10
5-inch ½ lb.	24	90	1 55
6-inch ½ lb.	28	1 15	1 90

Garden.

	Doz.	100
8-inch 2 lbs.	$0 10	$0 60
10-inch 2½ lbs.	14	75
12-inch 3 lbs.	17	90
14-inch 9 lbs.	45	2 55
16-inch 9 lbs.	50	2 60

Garden, or Horticultural. Weatherproof. Celluloid. With 18-inch stake. 1½ x 2¾ in. Each, 20 cts.; doz., $2; 100, $15.
*Tree. Painted; copper-wired; 3½-inch (100 weigh 1 lb.), 100, 25 cts.; 500, $1; 1,000, $1.70.
*Zinc. For pots. 6-inch (100 weigh 3 lbs.), doz., 15 cts.; 100, $1.10.
Simplex Weatherproof Plant. Celluloid, copper-wired.

	Doz.	100
3 x ½ in.	$0 25	$2 00
4 x ¾ in.	50	4 00
5 x 1 in.	75	6 00

Sprinkler, Hothouse. Very finely perforated brass rose. 3-in. face. Splendidly adapted for greenhouse work. Each, $1.
The Rainfall. Each, $1.25.
*California. (5 lbs.) Each, $1.50.
*The Cyclone. (5 lbs.) Each, $1.40.
*The Busy. (2 lbs.) Each, 75 cts.
*Pluvius. (4 lbs.) Each, $1.35.
*Brass Ring. (1 lb.) Each, 60 cts.
*C. B. G. ("Cheap But Good"). (2 lbs.) Each, 35 cts.

MISCELLANEOUS SUPPLIES, continued

***Nozzles, Allen.** (1 lb.) Each, 60 cts.
***Bordeaux.** (4 ozs.) Each, 85 cts.
***Boston Spray.** Copper. (1 lb.) Each, 65 cts.
***Justrite.** (1 lb.) Each, 55 cts.
***Pet.** Spray or solid stream. (1 lb.) Each, 65 cts.
***Vermorel.** (4 ozs.) Each, 85 cts.

Mastica. An improved putty. Gal. $1.90.

***Mastica Machine.** For applying Mastica. (2 lbs.) Each, $1.90.

***Mole Traps, Reddick.** (3 lbs.) Each, $1.
***English.** For hotbeds. (1 lb.) Each, $1.

***Moss, Green Log.** Sq. yd., 50 cts.; crate, $3.50.
Sphagnum, Dried. Bale, $6; bbl., $1.35.

***Paper, Tissue.** Ream. Market price.
***Tissue, White.** Ream, market price.
***Waxed.** 24 x 36 inches. Ream, market price.
***Waxed Tissue, Green.** Ream, market price.

***Plant-protecting Cloth.** Medium grade, yd., 15 cts

Plant Tubs. Virginia White Cedar. Painted green with galvanized, electric-welded, wire hoops and handles. If wanted without handles, deduct 10 cents from price of each tub.

	Diameter inside top	Diameter inside bottom	Depth inside	Each
No. 4	9 in.	7 in.	9 in.	$0 65
No. 5	10 in.	7½ in.	9 in.	70
No. 6	11 in.	8½ in.	10 in.	80
No. 7	12 in.	9 in.	11 in.	95
No. 8	13 in.	10 in.	12 in.	1 10
No. 9	14 in.	11 in.	13 in.	1 25
No. 10	15 in.	11½ in.	14 in.	1 40
No. 11	16 in.	12½ in.	15 in.	1 65
No. 12	17 in.	13½ in.	16 in.	1 85
No. 13	18 in.	14½ in.	17 in.	2 25
No. 14	19 in.	15½ in.	18 in.	2 70

White Cedar. Painted green; hoops, handles and leg-castings painted black.

	Outside Diam.	Height	Each
No. 8	12 in.	10 in.	$3 25
No. 7	13 in.	11 in.	3 55
No. 6	14 in.	12 in.	3 85
No. 5	16 in.	14 in.	4 85
No. 4	18 in.	16 in.	5 10
No. 3	21 in.	18 in.	6 25
No. 2	23 in.	20 in.	7 10
No. 1	25 in.	22 in.	7 95
No 0	27 in.	24 in.	8 90

Potting Soil, Prepared. Pk., 25 cts.; bus., 75 cts.

Powder Gun, Little Giant. Each, $7.50.

Pull Easy Wheel Cultivator. Best adapted to home gardens.
Long Handle. Each, $1.50.
Short Handle. Each, 60 cts.

Putty Bulbs. For applying mastica and putty. (1 lb.) Each, $1.35.

Putty, Twemlow's English. Gal. (16 lbs.), $2.40.

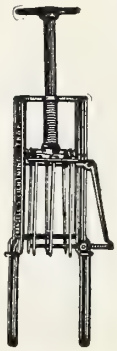
Raffia. For tying. Lb., 35 cts.; 5 lbs., $1.50;

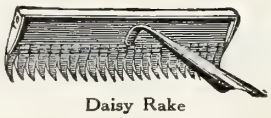
Rakes, Daisy. English. For removing dandelions and other weeds from the lawn. Best steel. 16 teeth, $2.50; 20 teeth, $3.
Gem, Dandelion. No. 1, $1.50; No. 2, $2.
Lawn, The Gibb. Each, 50 cts.
Park. 36 wire teeth. 30-in. steel heads. Each, 75 cts.
The Ole Oleson. Does not tear the grass. Each, 70 cts.
Straight or Curved Steel. 12, 14, and 16-toothed, each, 60 cts., 70 cts., and 75 cts.
Boy's Size. Each, 35 cts.

Mastica Machine

Grape-thinning Scissors

Cedar Plant-tub


Mole Trap


Daisy Rake

Pruning Saw

Triangular Pruning Saw

Scythe-Stone

Grass Border Shears

Lawn Scythe

Saws, Pruning. Single edge; silver steel; unusual edge-holding qualities. 16-in., 90 cts.; 18-in., $1; 20-in., $1.20; 22-in., $1.40.
Pruning, Triangular. Blade may be used at any angle. 16-in., $1.30; 18-in., $1.40.

***Scissors, Grape-thinning.** 7-in. (4 ozs.), 40 cts.

Scythes, Lawn. High-grade English. Riveted back. 30-in. blade, $1.80; 34-in. $1.90; 36-in. $2.
Bartlett. American. All steel. 26 and 28 in. Each, $1.40.

Scythe Handles. Each, 90 cts.

Scythe-Stones, Welsh Talacre. Each, 30 cts.; doz., $3.

Seed Sowers, Broadcast, Cahoon. $4.

Shears, Grass Border, English. 8-in., $2.75; 9-in., $3.25; 10-in., $3.50.
Grass Border, English. One wheel, 9-in. blade. Each, $3.75.
Lawn, English. Two wheels, 9-in., $4.
Lopping, English. 2½-in. blade, $3.25; 3-in. blade, $3.50; 4-in. blade, $4.50.
Lopping, The Searight. Each, $1.75.
Hedge, English. With spring notch. 8-in. blade, $2; 9-in., $2.50; 10-in., $2.75.

***Pruning, French Wheel-Spring.** 7-in. (1 lb.), $1.75; 8-in. (1 lb.), $2; 8½-in. (1 lb.), $2.25; 9-in. (2 lbs.), $2.50; 10-in. (2 lbs.), $2.75.
Extra springs. (2 ozs.) Each, 25 cts.

***Pruning, French, "Montreuil."** 8-in. (1 lb.) Each, $3.

***Pruning, French, "Aubert."** (1 lb.) Each, $3.25.

Pruning, German, No. 1537. Ea., 40c.

***Pruning, Swedish, No. 1015.** 6¾-in. (8 oz.) Each, 35 cts.

***Pruning, Ladies' Polished.** 7-in. (8 oz.) Each, $1.75.

Pruning, Rieser. Double brass spring. Full polished. 8½-in. (1 lb.) Each, $2.

Grass, English, No. 3075. 6-in. each. $1.10; 7-in., each, $1.30.

Grass, English, No. 357. 5½-in. each, 75 cts.

Sickles, or Grass Hooks. English riveted back. 45 cts. and 65 cts.
Perfect Folding. Black finish. Each, 45 cts.
Nickel finish. Each, 55 cts.

Silkaline. For stringing smilax and asparagus. Spools, 25 cts.; lb., 8 spools, $1.75.

Sieves. 1/16, ⅛, ¼, and ½-inch mesh. Each, 90 cts.

Spades, Steel, Gold Standard.
Heavy, Square point. Each, $1.90.
Round point. Each, $1.90.
Light. Each, $1.25.
Boy's size. Floral shovel. Each, 75 cts.

Sprayer, Vaporizing. Tin. Pint, each, 30 cts.; qt., each, 40 cts.
Compressed Air. Tin. Qt., each, 90c.
Compressed Air. Brass. Extra heavy. Qt., each, $2. No. 25C, qt., each, $1.

Sparrow Traps. Small, $2; large, $5.

***Sprinklers, Rubber.** No. 1. Plain or valvular. (1 lb.) Each, $1.
***Rubber.** No. 1. Angle-neck. (1 lb.) Each, $1.

***Stakes, Cane.** Can be cut in lengths to suit. 6 to 9 ft. 100, $1.25; 250, $2.50; 1,000, $9. 9 to 12 ft., extra heavy, 100, $2.50; 250, $4.25; 1,000, $16.

Stakes, Heavy Dahlia, or Rose.

	Each	Doz.	100
3 ft.	$0 09	$0 90	$5 80
3½ ft.	11	1 10	6 90
4 ft.	12	1 20	8 00
5 ft.	13	1 30	10 10
6 ft.	19	1 90	12 30

MISCELLANEOUS SUPPLIES, continued

Stakes, Green Dyed. Japanese.

	Doz.	100	500	1,000
2 ft.	$0 11	$0 75	$3 00	$5 50
3 ft.	14	95	4 00	7 50
4 ft.	16	1 10	4 75	9 00

Galvanized Rose.

	Doz.	100	1,000
2 ft.	$0 17	$1 20	$11 00
2½ ft.	19	1 35	12 25
3 ft.	23	1 60	14 65
3½ ft.	26	1 85	17 10
4 ft.	30	2 15	19 50
5 ft.	38	2 65	24 40

Hyacinth. Painted green. *12 in., 100 weigh 2 lbs., 5 cts. per doz., 25 cts. per 100, $1.50 per 1,000; *18-in., 100 weigh 2 lbs., 8 cts. per doz., 40 cts. per 100, $2 per 1,000.

Wooden, Round Tapering. Painted green.

	Each	Doz.	100
1½ ft.	$0 02	$0 20	$1 30
2 ft.	04	35	2 20
2½ ft.	05	50	2 90
3 ft.	06	60	3 90
3½ ft.	08	75	4 85
4 ft.	09	95	6 00
5 ft.	11	1 10	7 00

Syringes, Brass. Not obtainable.

Thermometers, Tested.

	Each
No. 5400, 10-in. japanned case	$1 25
No. 5400P, 10-in. copper case	1 50
No. 5420, 8-in. tin case	50
10 in.	55
No. 5452P, Self-registering. 8-in. copper case	3 50
No. 5981, Hotbed. 10-in., wooden	1 75
No. 5774, Incubator, with holder	65
No. 5770, Incubator, with stand	75
No. 5797, Brooder	65

***Tin Foil.** For wrapping. Lb. 20 cts.

***Toothpicks.** For stemming. Box, 10 cts.

***Torch, Asbestos.** For burning caterpillars on trees. (1 lb.) Each, 30 cts.

Tree Pruner, "The Extension." Has compound lever head and is made with a hook and side lever, calculated for heavy work. Will cut a limb 1¼ in. in diameter. Rod connecting knife-lever with handle-lever is so arranged that strain is even on both sides, giving pole double strength. With 8-ft. pole, each, $2.40; 10-ft., $2.60; 12-ft., $2.70; 14-ft., $2.80; 16-ft., $2.90.

"The Bastian." Each, with 6-ft. pole, $1.60; 8-ft., $1.85; 10-ft., $2.15; 12-ft., $2.35; 14-ft., $2.60; 16-ft., $2.85.

*Extra knife blades. (1 lb.) Each, 15c.

Trowel, Solid Steel Shank

Grass Shears (see page 60)

Hedge Shears (see page 60)

Sickle (see p. 60)

Transplanting Trowel

Mehler's Weeder

Rubber Sprinkler

Excelsior Weeder

Hazeltine Weeder

Magic Weeder

Tree-Pruning Shears, "The Bastian." Each, with 6-ft. pole, $2.35; 8-ft., $2.60; 10 ft., $2.70; 12-ft., $2.85.

***Tree Scraper.** Three-edged. (1 lb.) 35 cts.

***Trowels.** Solid steel shank and blade. (2 lbs.) Each, 75 cts.

***Angle.** 7-in. blades (1 lb.), 20 cts.; 8-in. blades (1 lb.), 25 cts.

***Forged Steel, No. 211.** 6-in. blade and shank one piece. (1 lb.) Each, 60 cts.

***Sheet Steel, No. 212.** Blade and shank one piece. 6-in. (1 lb.) Each, 30 cts.

Transplanting, Bateman's. (1 lb.) Each, 50 cts.

Twine, Yazoo. For stringing smilax. Spool (2 ozs.), 15 cts.; lb., $1.10.

***Green.** Ball (3 ozs.), 30 cts.; lb. (8 balls), 60 cts.

Vine Cutters. Long handles. Each, 50c.

Vaporizing Lamp. For vaporizing Nicoticide, etc. Each, 60 cts.

Watering-Cans. Heavy galvanized iron, with one coarse and one fine spray. Extra sprays, 40 cts. each, 4-qt., $2.50; 6-qt., $2.85; 8-qt., $3; 10-qt., $3.30; 12-qt., $3.80.

Low. For greenhouses. 4-qt. Each, $1.85.

Light Weight, Galvanized. 4-qt., 85 cts.; 6-qt., $1; 8-qt., $1.20.

Weeders, Cleveland. Each, 65 cts.

***Eureka.** (1 lb.) Each, 35 cts.

***Excelsior.** (1 lb.) Each, 10 cts.

***Little Jap.** (4 ozs.) Each, 10 cts.

***Onion.** (1 lb.) Each, 40 cts.

***Magic.** Nos. 1, 2 and 2V. (1 lb.) Each, 25 cts., 30 cts., and 35 cts.

***Hazeltine.** (1 lb.) Each, 35 cts.

***Lang's.** (4 ozs.) Each, 20 cts.

***Eureka, Long-Handle.** (2 lbs.) Ea., 40c.

Mehler's Handy Gardener. Each, 90c.

***The Easy.** (4 ozs.) Each, 10 cts.

The Invincible. With 5 adjustable steel blades. 4½-ft. handle. Each, $1.

Wheelbarrows, Garden, No. 2. Body 28 inches long, 20 inches wide in front, 24 inches wide at back, 2¾-inch tire. Each, $5.75.

No. 3. Body 26 inches long, 19 inches wide in front, 22 inches wide at back, 2¾-inch tire. Each, $5.50.

Wire, Florists'. 12 and 18-in. lengths. Box of 12 lbs., No. 19, $1.20; No. 21 $1.25; No. 23, $1.35; No. 28, $1.40.

FLOWER POTS, SAUCERS, ETC.

***Pot Hangers.** No. 1, for 3 to 5-in. pots. Each, 3 cts.; doz. (1 lb.), 32 cts.

No. 2, for 5 to 8-in. pots. Each, 4 cts.; doz. (1 lb.), 40 cts.

No. 3, for 8 to 12-in. pots. Each, 5 cts.; doz. (1 lb.), 50 cts.

***Paper Flower Pots, Neponset—**

	Mailing weight, 100	Doz.	100	1,000
2½ in.	(2 lbs.)	$0 11	$0 65	$4 90
3 in.	(3 lbs.)	13	75	5 60
3½ in.	(4 lbs.)	18	1 00	7 75
4 in.	(5 lbs.)	20	1 10	8 20
5 in.	(8 lbs.)	31	1 75	14 30
6 in.	(11 lbs.)	36	2 25	18 00

Fern and Seed Pots.

	Each	Doz.	100
5 in.	$0 06	$0 45	$3 20
6 in.	09	66	4 80
7 in.	12	1 20	8 43
8 in.	16	1 65	11 57
9 in.	22	2 19	16 68
10 in.	30	2 79	21 00
11 in.	45	4 00	29 64
12 in.	60	5 50	39 73

Standard Flower Pots. When shipped direct to the purchaser from the factory in quantities of 100 to 1,000 of a size, we allow 10 per cent discount from these prices.

	Each	Doz.	100	1,000
1¾ in.		$0 09	$0 70	$6 20
2 in.		11	73	6 67
2¼ in.		12	84	7 55
2½ in.		13	1 00	9 88
3 in.		17	1 22	10 85
3½ in.		22	1 51	13 34
4 in.	$0 05	26	1 77	16 12
4½ in.	06	36	2 40	21 00
5 in.	07	46	3 23	28 34
6 in.	08	67	4 80	42 00
7 in.	11	1 14	8 00	
8 in.	16	1 65	11 55	
9 in.	22	2 19	17 68	
10 in.	34	2 79	21 00	
11 in.	45	4 00	29 64	
12 in.	60	5 50		
13½ in.	90	9 00		
15 in.	1 25	14 00		
16 in.	1 70			
18 in.	2 50			

Azalea and Bulb Pots.

In.	Each	Doz.	100	1,000
4 x 3	$0 04	$0 26	$1 77	$16 12
5 x 4	07	46	3 23	28 34
6 x 4½	08	67	4 80	42 00
7 x 5	11	1 14	8 00	
8 x 5½	16	1 65	11 55	
9 x 6	22	2 19	17 68	
10 x 6½	30	2 79	21 00	
11 x 7½	45	4 00	29 64	
12 x 8	60	5 50		
13½ x 8½	90	9 00		
15 x 8½	1 25	14 00		

Flower-Pot Saucers.

	Each	Doz.
4 in.	$0 03	$0 20
5 in.	04	27
6 in.	05	40
7 in.	06	53
8 in.	09	73
9 in.	13	1 00
10 in.	15	1 20
12 in.	19	1 58
13½ in.	31	2 63
15 in.	38	3 10

FLOWER POTS, SAUCERS, ETC., continued

Wood-Fiber Roller Stands. Hardwood rollers and ball-bearing casters. Save carpets and floors. Will not soak or rust.

	Each
12 in. diam. for 10-in. pot	$0 85
14 in. diam. for 12-in. pot	1 05
16 in. diam. for 14-in. pot	1 35
18 in. diam. for 16-in. pot	1 60
20 in. diam. for 18-in. pot	1 88
22 in. diam. for 20-in. pot	2 40

Orchid Pots—

	Each	Doz.
5 in.	$0 25	$2 25
6 in.	35	3 00
7 in.	40	3 75
8 in.	50	4 50
9 in.	65	6 00
10 in.	90	8 50

Wood-Fiber Saucers—

	Each	Doz.
4 in.	$0 20	$2 00
5 in.	28	3 00
6 in.	30	3 10
7 in.	31	3 37
8 in.	32	3 56
9 in.	36	3 96
10 in.	38	4 22
12 in.	46	5 02
14 in.	58	6 44
16 in.	1 04	11 48
18 in.	1 22	13 46
20 in.	1 74	19 14

Fern Dishes—

	Each	Doz.	100
5 in.	$0 08	$0 74	$4 85
6 in.	10	88	6 00
7 in.	13	1 19	8 03
8 in.	20	1 76	11 97

Round Seed Pans—

	Each	Doz.
9 in.	$0 33	$2 90
12 in.	54	4 89

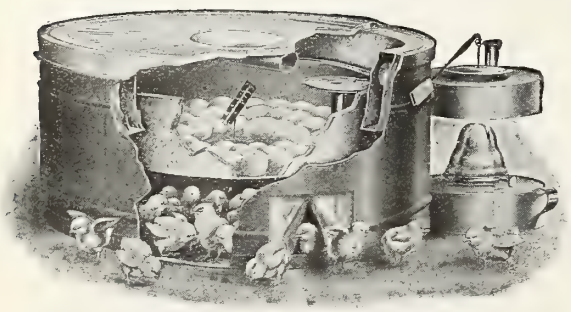
Wood-Fiber Vases for cut-flowers. Neat and durable.

	Inside diam.	Inside depth	Each
No. 0	8 in.	13 in.	$1 30
No. 1	5½ in.	10 in.	1 10
No. 2	4½ in.	9 in.	95
No. 3	4 in.	6 in.	75
No. 4	3 in.	4½ in.	60
No. 00	9 in.	22 in.	4 60
No. 11	5½ in.	18 in.	2 50
No. 22	4½ in.	15 in.	1 10
No. 33	4 in.	12 in.	95
No. 44	3 in.	9 in.	75

POULTRY, BIRD AND OTHER SUPPLIES

Ant Eggs. Lb., $2.50.
Bird Gravel. Pkg., 10 cts.
Blackhead Remedy, Conkey's. Pkg., 50c.
Bone Meal. 5 lbs., 30 cts.; 10 lbs., 50 cts.; 100 lbs., $3.
Buckwheat. Qt., 15c.; pk., 85c.; bus., $3.
Canada Peas. Prices variable.
Canary Seed. Mixed. Lb., 15c.; 5 lbs., 65c.
Canary Sicily. Lb., 15 cts.; 5 lbs., 65 cts.
Charcoal Esso. Fine, medium and coarse. 2½-lb. pkg., 15 cts.
Charcoal, Granulated. 5 lbs., 40 cts.
Chick-Food, Baby, Pratt's. Pkg., 10 cts., 25 cts., and 50 cts.
Chick-Food, Conkey's Buttermilk. Pkg., 10 cts., 25 cts. and 50 cts.
Chicken-Pox Remedy, Conkey's. Pkg., 60 cts.
Cholera Remedy, Conkey's. Pkg., 30 cts. and 60 cts.
Cholera Remedy, Pratt's. Pkg., 25 cts. and 50 cts.
Condition Powders, Rust's. 13-oz. box, 25 cts.; 2-lb. box, 50 cts.; 5-lb. box, $1.
Condition Powder, Pratt's Regulator. 8-oz. pkg., 10 cts.; 26-oz. pkg., 25 cts.; 4-lb. pkg., 50 cts.
Condition Powder, Conkey's. Pkg., 30c.
Dog Biscuits. Pkg. of 12 cakes, 25 cts.
Drinking Fount, Galvanized. Qt., 20 cts.; 2 qts., 25 cts.; 3½ qts., 40 cts.; extra-large, 50 cts.
Drinking Fount, Galvanized Wall. Qt., 30 cts.; gal., 50 cts.; 2 gals., 75 cts.
Dry-Mash Hopper, Galvanized. 12 qts., $1; 18 qts., $1.25; 24 qts., $1.50.
Egg Producer, Rust's. 1-lb. box, 25 cts.; 2½-lb. box, 50 cts.
Egg-Tester. Each, 25 cts.
Feeders, Camelback Chick. Galvanized. 10-in. size, 30 cts.; 20-in. size, 50 cts.
Feeders, Wall, Chick. Galvanized. 10-in. size, 50 cts.; 20-in. size, 75 cts.
Feeders, Ideal. Each, $2.
Feeders, Economic. Pk., 75 cts.
Feeding-Trough. Small, 40 cts.; medium, 75 cts.; large, 75 cts.
Fish-Food. Box, 10 cts.; doz., $1.
Gas Burners, Blue-Flame. Each, 50 cts.
Gape Remedy, Conkey's. Pkg., 30 cts.
Gape Remedy, Pratt's. Pkg., 25 cts. and 50 cts.
Granulated Bone. 5 lbs., 25c.; 10 lbs., 45c.; 100 lbs., $4.
Grit and **Shell Boxes.** Galvanized. 2-compartment, each, 35 cts.
Grit and **Shell Boxes.** Galvanized. 3-compartment, each, 50 cts.
Head Lice Ointment, Conkey's. Pkg., 30 cts.
Hemp. Lb., 15 cts.; 5 lbs., 65 cts.
Insect Powder. ¼lb., 25 cts.; lb., 70 cts.
Laying Tonic, Conkey's. 30 cts. and 50 cts.
Leg Bands, Champion or **Security.** Doz., 15 cts.; 100, 80 cts.
Leg Bands, Porcelain. 100, 75 cts.
Lettuce Seed. Lb., 30 cts.
Lice Powder, Conkey's. 30 cts. and 60 cts.
Lice Powder, Pratt's. 5-oz. pkg., 10 cts.; 1-lb. pkg., 25 cts.; 2½-lb. pkg., 50 cts.
Limber-Neck Remedy, Conkey's. Pkg., 60 cts.
Liquid Lice Killer, Conkey's. Qt., 50 cts.; 2 qts., 75 cts.
Mica Grit. 5 lbs., 10 cts.; 50 lbs., 55 cts.; 100 lbs., $1.
Millet, German. Lb., 10 cts.; 5 lbs., 40 cts.
Millet, White. Lb., 15 cts.; 5 lbs., 65 cts.
Mockingbird Food. Lb., 25 cts.
Nest Eggs, Rust's Lice-Expelling. Each, 5 cts.; doz., 50 cts.
Nest Eggs, Porcelain. 2 for 5 cts.; doz. 25 cts.
Noxicide, Conkey's. 40 cts., 70 cts. and $1.
Oculum. Scientific remedy and preventive of Cholera, Roup, White Diarrhea and Sore Head. Also cure for Gapes. Bottle, 25 cts. and 50 cts.
Oyster Shells, Crushed. 5 lbs., 10 cts.; 50 lbs., 45 cts.; 100 lbs., 85 cts.
Poultry Disinfectant, Pratt's. Qt. 35 cts.
Poultry Worm Remedy, Conkey's. 30 cts.
Rape, German. Lb., 20 cts.; 5 lbs., 90 cts.
Rat Corn. Pkg., 15 cts., 25 cts., 50 cts., $1.
Rheumatic Remedy, Conkey's. Pkg., 60 cts.
Rice, Unhulled. Lb., 15 cts.; 5 lbs., 65 cts.
Scaly-Leg Remedy, Conkey's. Pkg., 30 cts.
Song Restorer. Pkg., 25 cts.
Sulphur Fumigating Candles, Conkey's. Each, 10 cts.; 3 for 25 cts.
Sunflower Seed. Lb., 10 cts.; 5 lbs., 45 cts.
Thermometers, Incubator No. 5770. Each, 75 cts.
Thermometers, Incubator No. 5774. Each, 65 cts.
Thermometers, Brooder No. 5791. Each, 65 cts.
Tobacco Dust. Lb., 10 cts.; 5 lbs., 30 cts.
Toe Markers. Each, 30 cts.
White Diarrhea Remedy, Conkey's. Pkg., 30 cts. and 60 cts.
White Diarrhea Remedy, Pratt's. Pkg., 25 cts.

Simplicity Combined Hatcher and Brooder



Simplicity Combined Hatcher and Brooder

The best thing on the market in the way of a Hatcher. Easiest and simplest of all to operate. No extra expense for a brooder after the chicks are hatched. These Hatchers are made of galvanized iron and copper. Copper is really the only material to use in an incubator, costs only $1 more than the iron, lasts indefinitely. The heat-conducting property of copper is several times greater than that of iron or steel, and the saving in fuel alone will in a short time more than cover the difference in cost. Send for complete descriptive circular.

50-egg Simplicity, with 14-oz. copper heater and tank.....$10 00
100-egg Simplicity, with 14-oz. copper heater and tank..... 15 00

None-Such Brooder

THE IDEAL HOME FOR BABY CHICKS

Made of cypress wood and galvanized rust-resisting iron. It makes a warm, bright, sunny, sanitary home for chicks. Its splendid hot-air heating system is fine for outdoor use. Capacity 150 chicks. Price, $14.

LAWN ROLLERS, MOWERS AND ACCESSORIES

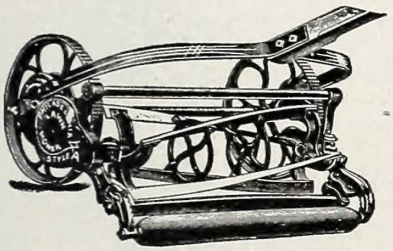
REGAL BALL-BEARING LAWN MOWER

The highest grade of Mower on the market, unexcelled in material, workmanship and finish. Its five blades in the revolving cutter insure a fine, even cut, and the large-diameter drive-wheels and its fine-cut gear insure ease and quietness of running.

14 in., $12.85; Regal Grass Catcher to suit, $2.
16 in., $14.10; Regal Grass Catcher to suit, $2.15.
18 in., $15.40; Regal Grass Catcher to suit, $2.30.
20 in., $16.65; Regal Grass Catcher to suit, $2.45.

PENNSYLVANIA LAWN MOWER

15 in., $19.25; Braun Grass Catcher to suit, $3.
17 in., $21.55; Braun Grass Catcher to suit, $3.
19 in., $23.85; Braun Grass Catcher to suit, $3.25.
21 in., $26.15; Braun Grass Catcher to suit, $3.50.



Philadelphia Lawn Mower

PHILADELPHIA LAWN MOWER

High Wheel, Style A. 15 in., $15.60; 17 in., $16.60; 19 in., $19.35; 21 in., $21.25.
High Wheel, Style E. 15 in., $14.80; 17 in., $16.60; 19 in., $18.40; 21 in., $20.15.

PENNSYLVANIA GOLF BALL-BEARING MOWER

The aristocrat; seven blades.

17 inch	$34 00
19 inch	38 00
21 inch	42 00

COLDWELL'S HORSE LAWN MOWER

This is one of the best and most perfect Horse Lawn Mowers manufactured. It is used exclusively by the government, and on the largest public and private lawns in the country. These Mowers are furnished with shafts, seat and side-draft attachment, which keeps the horse on the cut grass only. Price, 4-blade cylinder, 30-in. cut, $78.65; 35-in. cut, $96.60; 40-in. cut, $122. For 6-blade cylinder, add $10 to the price of each size.

25-in. Pony Mower, without shafts, $54. These prices are f. o. b. factory; purchaser pays the freight.

COLDWELL COMBINATION ROLLER AND MOTOR MOWER

Models G and **H.** Simplicity more than anything else has been sought in these models. Mechanical experience is not necessary to operate them, and they can be run by anyone. Will cut 6 to 8 acres of lawn per day. Model H weighs 900 pounds, Model G, 1,000 pounds. Prices and descriptive circular on application.

LAWN TRIMMERS AND EDGERS

	Each
The Coldwell	$6 50
The Philadelphia	6 50
The Pennsylvania	6 50

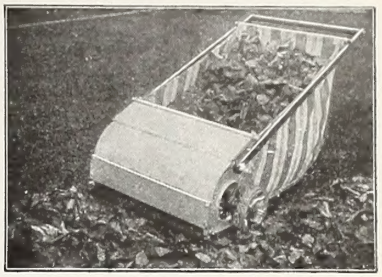
HORSE LAWN BOOTS

Leather. These are perfect. Are fastened to the horse's foot, not to the ankle, giving free action and no chafing. Sole is hardened and filled with steel rivets. No stitching; waterproof. Set of four, $11.
No. 2, 5½ in. inside. No. 4, 6½ in. No. 6, 7 in.

GRASS CATCHERS

The Easy. Fits any size and style of mower.

	Each
A. Fits 12, 14, and 16-in. mowers	$1 00
B. Fits 16, 17, and 18-in. mowers	1 10
Philadelphia Grass Catcher.	
15 in.	2 10
17 in.	2 20
19 in.	2 35
21 in.	2 45

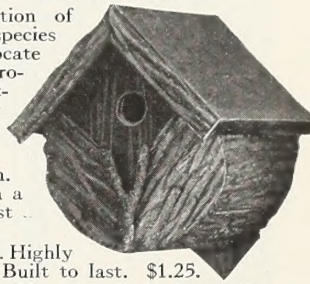


Pennsylvania Lawn Sweeper

LAWN SWEEPER

The Pennsylvania. This Lawn Sweeper will do the work of three men, and will do it thoroughly. 24-in. rake, $20. 36-in. rake, $30.

"RUSTIC" BIRD-HOUSES



For conservation of bird life. Many species of birds would locate near homes if provided with suitable places for shelter and breeding.

No. 10. Wren. Can be set on a pole or against house. $1.25.
No. 15. Bluebird. Highly ornamented. Built to last. $1.25.
No. 20. Wren. Charming little house for Wrens. $1.
No. 40. Wren. Serves as a winter house for the Chickadee. $1.
No. 55. Bluebirds or Wrens. Bungalow type. $1.25.
No. 30. A favorite with all small birds. $1.
No. 35. For Bluebirds and Woodpeckers. $1.25.
No. 65. Flicker house. $2.50.
No. 50. Wren. With rustic trimming. $1.25.
No. 70. Swinging house. Wrens will readily build in it. $1.50.
Squirrel house. Two compartments. $4.75.
Nos. 5, 6, and 7. Martin houses. $4.50, $8, and $10.

Anyweight Lawn Roller

ANYWEIGHT LAWN ROLLER

Built with a hollow steel drum with the feature of a rounded edge, a construction which overcomes any marking or turf-cutting. Entrance for the water or sand for weighting is provided by a ¾-inch opening of threaded bronze. This bronze opening eliminates the bad feature of rusting of the threads which is so common in some other makes. We have added to our list No. 1420, a Roller which is bound to be popular with the owners of small city lawns, etc. To weight Rollers, turn on end, remove the plug in opening, and insert nozzle of hose or use a pail and fill the drum to any desired weight, and Roller is ready for use.

No. 1420. 14¼ in. diam., 20 in. width, 46 lbs. weight empty, 148 lbs. weight filled with water. Each, $8.40.
No. 2424. 23¼ in. diam., 23¼ in. width, 94½ lbs. weight empty, 418 lbs. weight filled with water. Each, $13.50.
No. 2427. 23¼ in. diam., 27¼ in. width, 103 lbs. weight empty, 488 lbs. weight filled with water. Each, $14.
No. 2430. 23¼ in. diam., 31¼ in. width, 116 lbs. weight empty, 565 lbs. weight filled with water. Each, $14.70.

INDEX

PAGE

Abutilon....25
Acacia....25
Achillea....25
Achimenes....53
Acidanthera....53
Aconitum....25
Adenophora....25
Adlumia....25
Adonis....25
Agapanthus....53
Agathæa....25
Ageratum....25
Agrostemma....25
Allegheny Vine....25
Alstrœmeria....53
Althæa....36
Alum Root....35
Alyssum....26
Amarantus....26
Amaryllis....53
Ampelopsis....25
Anchusa....26
Anemone....26
Antholyza....53
Antirrhinum....26
Apios....54
Apple, Balsam....39
Aquilegia....26
Arabis....26
Arctotis....28
Artichoke....1
Arum....54
Asparagus....1, 21, 28
Aster, Cornflower....47
Asters....27, 28
Aubrietia....28
Baby's Breath....35
Balloon Vine....28
Balsam....28
Banana, Abyssinian....39
Barley....21
Bean, Hyacinth....34
Beans....2–4
Beans, Soja....21
Beet, Ornamental-leaved....28
Beets....4, 5
Beets, Field....5
Begonia....28
Begonias, Tuberous....49
Bellflower....29
Bellflower, Chinese....41
Bellis....28
Beta....28
Black-eyed Susan....47
Books....24
Borecole....10
Brachycome....28
Bright Eyes....29
Broccoli....5
Browallia....28
Brussels Sprouts....5
Buckwheat....21
Bulbs, Roots, Tubers....49–54
Burning Bush....37
Butterfly Flower....45
Cabbage....5, 6
Cacalia....28
Caladiums....49
Calceolaria....29
Calendula....29
Calla....54
Calla, Red....54
Calliopsis....29
Callirhoe....29
Campanula....29
Canary-Bird Flower....29
Canary Creeper....29

PAGE

Candytuft....29
Cannas....30, 53
Canterbury Bell....29
Capsicum....30
Cardinal Climber....30
Cardiospermum....28
Carnation....2, 30
Carrots....9
Castor-Oil Plant....44
Cauliflower....6
Celery....7
Celery, Turnip-rooted....7
Celosia....30
Centaurea....30
Chard, Swiss....4
Cheiranthus....48
Cherry, Jerusalem....45
Chicory....6, 21
Chives....21
Chlidanthus....54
Chrysanthemums....30, 31
Cigar Plant....31
Cineraria....31
Cinnamon Vine....54
Clarkia....31
Cleome....31
Clover....23
Cobæa....31
Cockscomb....30
Coleus....31
Columbine....26
Convolvulus....31
Cordyline....34
Coreopsis....31
Corn, Ensilage....21
Cornflower....30
Corn, Kaffir....21
Corn, Pop....21
Corn, Rainbow....31
Corn Salad....10
Corn, Seed....21
Corn, Sweet....8
Cosmos....32
Cowpeas....21
Cress....7
Cucumbers....9, 10
Cucumber, Wild....48
Cup-and-Saucer....29
Cup Flower....40
Cuphea....31
Cyclamen....32
Cypress, Summer....37
Cypress Vine....31
Daffodil, Peruvian....52
Dåhlias....33, 50, 51
Daisy, African Golden....34
Daisy, Blue....25
Daisy, English....28
Daisy, Paris....31
Daisy, Shasta....31
Daisy, Swan River....28
Daisy, Transvaal....34
Dandelion....10
Dasheen....49
Datura....32
Delphinium....32, 37
Dianthus....30, 33, 45
Diascia....33
Digitalis....33
Dimorphotheca....34
Divine Flower....33
Dolichos....34
Dracæna....34
Echinocystis....48
Echinops....34
Edelweiss....34
Eggplant....10

PAGE

Elephant's Ear....49
Emmer....21
Endive....10
Eschscholtzia....34
Euphorbia....34
Everlastings....34
Farmogerm....56
Fern Spores....34
Fertilizers....56
Fertilizers, Lawn...3d Cover
Feterita....21
Feverfew....34
Fire Plant, Mexican....34
Flame Flower....42, 43
Flax....21, 37
Flower Seeds....25–48
Forget-me-not....39
Foxglove....33
Fringe, Mountain....25
Gaillardia....34
Gentiana....34
Geranium....34
Gerbera....34
Geum....35
Gilliflower....47
Gladioli....35, 52
Gloxinia, Hardy....54
Gloxinias....35, 52
Godetia....35
Gourds....35
Grasses, Ornamental....35
Grass Seeds....23, 3d Cover
Grass, Sudan....21
Grevillea....35
Harebell....29
Heartsease....40, 41
Hedge Plants....64
Helianthus....35, 36
Heliotrope....35
Herbs, Sweet and Medicinal....22
Heuchera....35
Hibiscus....36
Hollyhocks....36
Horse-Radish....21
Humulus....36
Hunnemannia....36
Hyacinthus....54
Iberis....29
Ice Plant....38
Impatiens....36
Implements....58
Incarvillea....54
Indian Shot....30
Ipomœa....31, 36, 37
Insecticides and Fungicides....55, 56
Iris....51
Ismene....52
Ivy, Boston....25
Ivy, Kenilworth....37
Joseph's Coat....26
Kale....10
Kale, Sea....18
Kochia....37
Kohlrabi....11
Kudzu Vine....37
Ladies' Paint Brush....28
Lady's Slipper....28
Lantana....37
Larkspur....32, 37
Lathyrus....37
Lavatera....37
Lawn Rollers, Mowers and Accessories....63
Leeks....11
Leptosine....37

PAGE

Leptosiphon....37
Lettuce....11, 12
Lilies....52
Lily, Blue African....53
Lily, Chilian....53
Linaria....37
Linum....37
Lobelia....38
Love-Lies-Bleeding....26
Lupine....38
Lupinus....38
Lychnis....38
Madeira Vine....54
Mallows, Annual....37
Maple, Flowering....25
Marigold....38
Marigold, Pot....29
Martynia....12
Matricaria....34
Maurandia....38
Meconopsis....38
Mesembryanthemum....38
Mignonette....38
Millet....21
Mimosa....38
Mimulus....39
Mina....39
Miscellaneous Seeds....21
Miscellaneous Supplies....58–62
Momordica....39
Monkshood....25
Montbretia....54
Moonflower....36, 37
Morning-Glories....37
Mourning Bride....44
Musa....39
Mushroom Spawn....13
Muskmelons....12
Musk Plant....39
Mustard....13
Myosotis....39
Myrsiphyllum....45
Nasturtiums....39, 40
Nemesia....40
Nemophila....40
Nicotiana....40
Nierembergia....40
Nigella....39
Oak, Silk....35
Oats....21
Œnothera....40
Okra....13
Onion....14
Oyster Plant....18
Oxalis....40, 54
Ox-Eye....25
Pansies....40, 41, 48
Papaver....42
Parsley....15
Parsnips....14
Pear, Balsam....39
Peas....16, 21
Pentstemon....41
Peonies....53
Pepper....15, 30
Pepper-Grass....7
Perennials....36
Periwinkle....48
Petunia....41
Pheasant's Eye....25
Phlox....42, 43
Pincushion Flower....44
Pink, Mullein....25
Pinks....33
Platycodon....41
Poppies....34, 36, 42
Potatoes....22

PAGE

Portulaca....41
Poultry, Bird, and Other Supplies....62
Primrose....40, 43, 44
Primula....43, 44
Pueraria....37
Pumpkin....15
Pyrethrum....44
Radishes....17, 18
Rape....21
Reseda....38
Rhubarb....18, 21
Ricinus....44
Rose of Heaven....25
Rutabagas....20
Rye....21
Sage....44
Salpiglossis....45
Salsify....18
Salvia....44
Scabiosa....44
Schizanthus....45
Shamrock....45
Silene....45
Slipperwort....29
Smilax....45
Snapdragon....26
Snow-on-the-Mountain....34
Solanum....45
Sorrel, Wood....40
Sorghum....21
Spider Plant....31
Spinach....18
Speltz....21
Spray Pumps and Sprayers....57
Squashes....19
Statice....45
Stevia....45
Stocks....47
Stokesia....47
Sun-Dial....38
Sunflower....35, 36
Sweet Peas....46, 47
Sweet Rocket....47
Sweet Sultan....30
Sweet William....45
Tagetes....38
Tassel Flower....28
Thimble Flower....33
Thistle, Globe....34
Thunbergia....47
Tigridia....54
Tobacco....40
Tomatoes....19, 20
Torenia....47
Tropæolum....29, 39, 40
Trumpet Flower....32
Tuberose....54
Turnips....20
Vegetable Plants and Roots....21
Vegetable Seeds....1–20
Verbena....48
Vetches....21
Vinca....48
Viola....48
Violet....48
Wallflower....49
Watermelons....13
Watsonia....54
Wax Plant....38
Wheat....21
Windflower....26
Woolflower....30
Xanthosoma....49
Zephyranthes....54
Zinnia....48

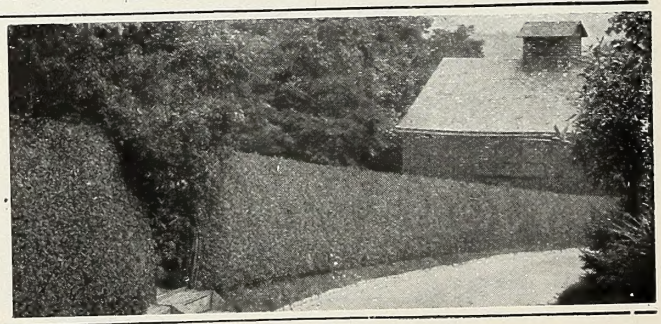
HEDGE PLANTS

Privet, California. Plant 10 to 15 inches apart in double rows, alternating the plants.

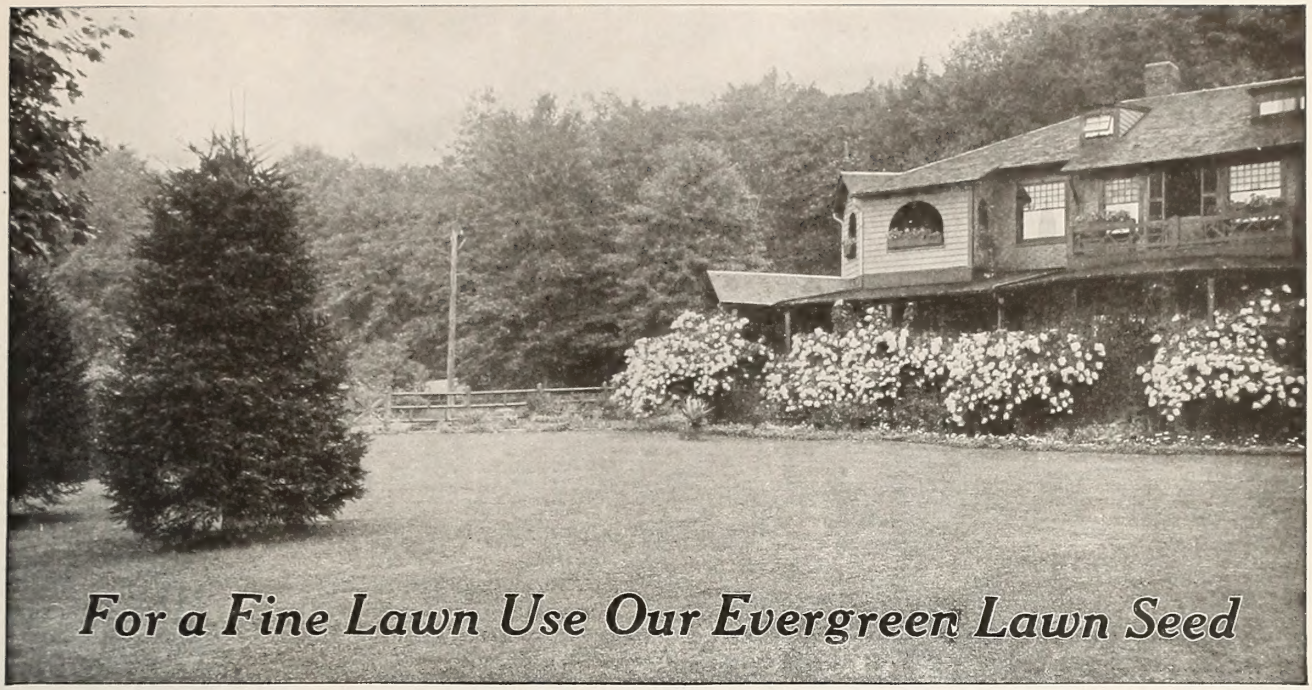
	100	1,000
12 to 18 in. high, 2 yrs. old	$3 50	$30 00
18 to 24 in. high, 2 yrs. old	5 00	45 00
24 to 36 in. high, 2 yrs. old	6 00	55 00

Berberis Thunbergii. Of low, dense growth and spreading habit, growing extremely dense right from the base. Requires but little pruning. Leaves bright green. The branches in the fall are covered with bright red berries. Plant 8 to 12 inches apart in single rows.

	100
12 to 18 in. high. Heavy	$10 00
18 to 24 in. high. Heavy	15 00
24 to 30 in. high. Heavy	20 00



J. Horace McFarland Company, Horticultural Printers, Harrisburg, Pa.



GOOD soil and proper drainage are absolutely necessary to produce a good lawn. There should be no less than a foot of good surface or sandy soil,—heavy loam where possible. In light or sandy soil the grass has a tendency to burn out in hot, dry weather. Where it is necessary to grade the surface, the subsoil should be removed and replaced with good earth.

Unless the soil is sufficiently rich, apply a liberal quantity of well-rotted manure; dig or plow this in and incorporate with the soil. Rake or harrow the surface even, and after sowing the seed rake again lightly and firm the soil with a lawn-roller. Never attempt to dig, rake or roll a lawn when the ground is wet.

The best time to make a lawn is early in spring as soon as the ground is in good tillable condition, although very satisfactory results are obtained from lawns made during the summer and autumn.

When the young grass is from 3 to 4 inches high, it should be mown, but not too short, as close cropping is injurious to a new lawn. Repeat the mowing at intervals of about ten days. After the lawn is once well established, frequent rollings are beneficial, especially early in spring, after the soil and with it the roots of the grass have been drawn up by the winter's frost.

On banks and terraces, where the seed is liable to be washed off by rains before it has sprouted, a quick catch can be secured by mixing the seed with moist earth about one week before sowing; at the expiration of that time much of the seed is ready to sprout.

BECKERT'S EVERGREEN LAWN

Good seed is as necessary to make a lawn as the proper preparation of the ground. We have made many experiments to determine the grasses best adapted for lawn purposes, and the above mixture is composed of a combination, in proper proportions, of the best natural lawn grasses, so as to produce a continuous good lawn from early spring throughout the summer until late in fall.

The ingredients of this mixture are the highest grade of recleaned seeds only. This Lawn Seed is sold by the standard bushel of 32 quarts (dry measure) and weighs 24 pounds to the bushel.

Lawn Seeds are generally sold on a basis of 14 pounds to the bushel, which will invariably fall one-third or more short of actual measure if composed of choice clean seeds, and where a bushel of 14 pounds holds out in measure, it must of necessity be largely composed of light, chaffy matter of no value.

Use 1 qt. to 300 sq. ft., 4 to 5 bus. to the acre. Qt. 25 cts., postpaid 32 cts.; 2 qts. 45 cts., 3 qts. 60 cts., 4 qts. 75 cts., pk. $1.35, ½ bus. $2.50; measured bushel of 24 lbs. $5, or $3 for a bushel of 14 lbs.

GOOD GRADE LAWN GRASS SEED. Qt. 15 cts., 4 qts. 50 cts., pk. 90 cts., bus. of 20 lbs. $3.50.

PUTTING-GREEN MIXTURE

The very finest, hardy, low-growing grasses are contained in this mixture, producing a close and lasting green turf. Qt. 30 cts., postpaid 37 cts.; pk. $1.75, ½bus. $3, bus. of 20 lbs. $6.

SHADY-NOOK LAWN MIXTURE

A mixture of grasses best adapted for sowing in shady places where other grasses will not thrive. In nearly all lawns where there are trees, there will be found bare, unsightly spots which can be made green and bright by using this mixture. Qt. 30 cts., postpaid 37 cts.; pk. $1.75, ½bus. $3, measured bus. of 20 lbs. $6.

GOLF-LINKS MIXTURE

Composed of such grasses as will produce a turf suitable for golf-links, cricket-tables or polo-grounds. Qt. 20 cts., postpaid 27 cts.; pk. $1.10, bus. of 20 lbs. $4.

LAWN FERTILIZERS

LAWN FERTILIZER. A high-grade Lawn Fertilizer. Also adapted for the vegetable and flower-garden, trees, shrubbery, and pot-plants. Ammonia, 3½ to 5 per cent; available phosphoric acid, 4 to 6 per cent; insoluble phosphoric acid, 12 to 14 per cent; total phosphoric acid, 16 to 18 per cent, equal to bone phosphate of lime, 35 to 40 per cent. Write for prices.

BONE MEAL, PURE RAW NO. 1. Highest grade. Contains nothing but pure, raw animal bone. Vastly superior to steamed bone. Ammonia, 4½ to 6 per cent; phosphoric acid 22 to 24 per cent, equal to bone phosphate 48 to 52 per cent. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. $1, 50 lbs. $1.75, 100 lbs. $3, 200 lbs. $5.70, 500 lbs. $13, 1,000 lbs. $25, ton $49.

UNLEACHED HARDWOOD ASHES. Acts as a stimulant and supplies natural plant-food, permanently enriching the soil. Apply in fall or early in spring, so that the rain may carry the elements down to the roots of the grasses, producing a rapid and rich green growth. Apply 1,500 to 2,000 lbs. to the acre. Not sold in less quantities than a barrel. Bbl., 200 lbs. $3, 1,000 lbs. $11.50, ton $22.

SHEEP MANURE, PULVERIZED. A stimulant, promoting a strong, healthy, and rapid growth. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. $1, 50 lbs. $1.50, 100 lbs. $2.50, 200 lbs. $4.60, 500 lbs. $10.25, 1,000 lbs. $19.50, ton $38.

Stable manure should never be used as a top-dressing on a lawn, as it always contains large quantities of noxious weed seeds, and is also objectionable on account of unsightliness and disagreeable odor.

LAWN SEED BY PARCEL POST. In quantities in excess of 1 qt. add for postage according to your zone rate, for the quantity you order as follows: **Beckert's Evergreen Lawn Seed:** 4 qts. equal 3 lbs.; pk. equals 6 lbs.; ½bus. equals 12 lbs. **Putting-Green, Golf-Link,** and **Shady-Nook Mixtures:** 4 qts. equal 2½ lbs. (requires postage for 3 lbs.); pk. equals 5 lbs.; ½bus. equals 10 lbs.; bus. equals 20 lbs.

Beckert's New Antirrhinums
OAKLEDGE FAVORITE GIANT PINK
OAKLEDGE FAVORITE GIANT PINK WHITE-THROATED AND WHITE-TUBED
BECKERT'S SEED STORE
101 & 103 FEDERAL ST.
NORTH SIDE
PITTSBURGH, PA.

BECKERT'S EVERGREEN LAWN SEED